

Johnson C. Smith University



CATALOG 1979-1981

JOHNSON C. SMITH UNIVERSITY
IS A
FULLY ACCREDITED MEMBER
OF THE
Southern Association of Colleges and Schools
Association of American Colleges
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Council of Protestant Colleges and Universities
National Association for Equal Opportunity in Higher Education
North Carolina Association of Independent Colleges and Universities
North Carolina Association of Colleges and Universities
College Entrance Examination Board
Presbyterian College Union
United Negro College Fund
Charlotte Area Educational Consortium
Division of Teacher Education
State Department of Public Instruction

* * * * *

JOHNSON C. SMITH UNIVERSITY
IS APPROVED
BY THE
American Medical Association
American Association of University Women

* * * * *

Admission to, employment by, and promotion within the University shall be on the basis of merit, and there shall be no discrimination on the basis of race, color, creed, sex, national origin, or handicap.

Johnson C. Smith University

CATALOG 1979-1981



CHARLOTTE, NORTH CAROLINA
28216

This catalog is not to be construed as a contract. The University reserves the right to change fees, tuition, or other charges; to add or to delete courses; to revise academic programs; or to alter regulations and requirements as deemed necessary. Johnson C. Smith University offers both equal education and equal employment opportunities.

Johnson C. Smith University, Incorporated, shall continue the present policy of admitting students of any race, color, sex, national and ethnic origin, to all rights, privileges, programs and activities generally accorded to or made available to students at the University.

- UNIVERSITY CALENDAR -

1979-80 School Year

FALL SEMESTER

August 19	Residence halls open to Freshmen at 9:00 a.m. The first meal will be served at the evening meal hour
August 20	Pre-school Conference
August 19-26	Freshman Orientation. This includes health examinations, written tests and orientation sessions. All Freshmen who plan to enroll for the first semester should report to the campus Sunday, August 19, by 9:00 a.m.
August 27-28	Registration for New Transfer and Freshman students
August 29-30	Registration for all other students*
August 31	First day of classes
September 3	Labor Day (Holiday)
September 4-14	Change-of-Program Period (Drop-Add)
September 14	Last day for adding courses
October 10	Handwriting and Spelling Test for Teacher Education Program
October 15	Last day to file application for admission into Teacher Education Program. Last day to file application for student teaching in the Spring
October 15-16	Mid-Semester Examinations
October 19	Candidates completing requirements for graduation at the close of the Winter Semester must file application for degrees in the Office of the Registrar on or before this date
October 22	Mid-Semester grades due in the Registrar's Office
October 31	Last day for dropping courses
November 2	Alumni Day (No Classes)
November 3	Homecoming
November 21	Thanksgiving Recess begins at 1:00 p.m.
November 21-25	Thanksgiving Recess
December 2 or 9	Annual Christmas Program by the Music Dept.
December 11-14	Fall Semester Examinations
December 15 - January 7	The Christmas Recess (Residence halls and dining hall will close Saturday, 5:00 p.m. on Dec. 15.)

*All students are required to register during this period.

SPRING SEMESTER

January 7-8	Orientation—Freshman and Transfer Students entering Spring Semester
January 7	Faculty Pre-Semester Meeting (9:00 a.m.-12:00 n) (2:00-4:00 p.m.)
January 8-9	Returning students should report on these days to obtain registration permits and consult with faculty advisors.
January 9-11	Registration for ALL Students*
January 14	First day of classes
January 14	Last day to enter for the Spring Semester
January 15	Birthday of Martin Luther King, Jr.
January 14-18	Change of Program (Drop-Add)
January 18	Last day for adding courses
February 18-23	Spiritual Emphasis Week
February 20	Candidates completing requirements for graduation at the close of the Spring Semester must file application for degrees in the Office of the Registrar on or before this date
February 25-26	Mid-Semester Examinations
March 3	Mid-Semester Grades are due in the Registrar's Office
March 2-8	Women's Week
March 7	Last day for dropping courses
March 8-16	Spring Recess (Classes will resume on March 17)
March 17	Last day to file application for admission into the Teacher Education Program. Last day to file application for student teaching in the Fall
March 30	Founder's Day Convocation
April**	National Library Week
April 3-8	Easter Recess begins at 1:00 p.m. on April 3. (Classes will resume on April 8).
April 6	Easter Sunday
April 14-20	Men's Week
May 2	Last day of classes for seniors
May 5-6	Reading period for seniors
May 6	Last day of classes for non-seniors
May 7-9	Reading period for students other than seniors SENIOR SEMESTER EXAMINATIONS
May 12-15	Spring Semester Examinations
May 16-17	Commencement Activities
May 18	Commencement
May 19-20	Faculty Post-School Conference
June 2-July 4	First Summer Session
July 7 - August 8	Second Summer Session
August 9	Summer Commencement

**All students are required to register during this period.*
***Date to be Announced.*

- UNIVERSITY CALENDAR -

1980-81 School Year

FALL SEMESTER

August 24	Residence halls open to Freshmen at 9:00 a.m. The first meal will be served at the evening meal hour
August 25	Pre-school Conference
August 24-31	Freshman Orientation. This includes health examinations, written tests and orientation sessions. All Freshmen who plan to enroll for the first semester should report to the campus Sunday, August 24, by 9:00 a.m.
September 1	Labor Day (Holiday)
September 2-3	Registration for New Transfer and Freshman students
September 4-5	Registration for all other students*
September 8	First day of classes
September 9-19	Change of Program Period (Drop-Add)
September 19	Last day for adding courses
October 10	Handwriting and Spelling Test for Teacher Education Program
October 15	Last day to file application for admission into Teacher Education Program. Last day to file application for student teaching in the Spring
October 17	Candidates completing requirements for graduation at the close of the Winter Semester must file application for degrees in the Office of the Registrar on or before this date
October 20-21	Mid-Semester Examinations
October 24	Alumni Day (No Classes)
October 25	Homecoming
October 27	Mid-Semester grades due in the Registrar's Office
October 31	Last day for dropping courses
November 26	Thanksgiving Recess begins at 1:00 p.m.
November 26-30	Thanksgiving Recess (Classes will resume on December 1)
December 7 or 14	Annual Christmas Program by the Music Dept.
December 9-12	Fall Semester Examinations
December 14 - January 5	The Christmas Recess (Residence halls and dining hall will close Saturday, Dec. 16, at 5 p.m.)

**All students are required to register during this period.*

SPRING SEMESTER

January 5-6	Orientation—Freshman and Transfer Students entering Spring Semester
January 5	Faculty Pre-Semester Meeting (9:00 a.m.-12:00 n) (2:00-4:00 p.m.)
January 6-7	Returning students should report on these days to obtain registration permits and consult with faculty advisors.
January 7-9	Registration for ALL Students*
January 12	Last day to enter for the Spring Semester
January 12	First day of classes
January 15	Dr. Martin Luther King, Jr. Birthday
January 19-23	Change of Program (Drop-Add)
January 23	Last day for adding courses
February 8-15	Black History Recognition
February 17-22	Spiritual Empasis Week
February 18	Candidates completing requirements for graduation at the close of the Spring Semester must file application for degrees in the Office of the Registrar on or before this date
February 23-24	Mid-Semester Examinations
March 2	Mid-Semester Grades are due in the Registrar's Office
March 6	Last day for dropping courses
March 8-15	Spring recess (Classes will resume on March 16.)
March 15-21	Women's Week
March 16	Last day to file application for admission into the Teacher Education Program. Last day to file application for student teaching in the Fall
April 5	Founder's Day Convocation
April**	National Library Week
April 16-20	Easter Recess begins at 1:00 p.m. on April 16. (Classes will resume on April 21)
April 19	Easter Sunday
April 27 - May 3	Men's Week
May 1	Last day of classes for seniors
May 4-5	Reading period for seniors
May 5	Last day of classes for non-seniors
May 6-8	Senior Semester Examinations
May 6-8	Reading period for students other than seniors
May 11-14	Spring Semester Examinations
May 15-16	Commencement Activities
May 17	Commencement
May 18-19	Faculty Post-School Conference
June 1 - July 3	First Summer Session
July 6 - August 7	Second Summer Session
August 8	Summer Commencement

*All students are required to register during this period.

**Date to be Announced.

JOHNSON C. SMITH UNIVERSITY
100 Beatties Ford Road
Charlotte, North Carolina 28216
Telephone: (704) 372-2370

QUICK REFERENCE DIRECTORY: 1979-1981

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DR. LIMONE C. COLLINS, SR., Vice-President for Academic
Affairs

MRS. JOYCE T. CRISP, Director of University Union

MACK L. DAVIDSON, Vice-President for Business and Financial
Affairs

DR. JOSEPH A. GASTON, Vice-President for Student Affairs

REVEREND CALVIN A. HOOD, Director of Student Life Programs

RANCE M. JACKSON, Director of Financial Aid

MOSES W. JONES, Director of Admissions

MRS. AURELIA L. LAW, Manager of Bookstore

JULIUS A. LOCKETT, Coordinator of AIDP

EDDIE C. McGIRT, Athletic Director

MRS. MINNIE G. MAXWELL, Director of Alumni Affairs

Director of Public Relations

DR. RUFUS G. PETTIS, Director of Summer School—1979

MRS. SARA J. STEWART, Personnel Officer

MRS. SHIRLEY WILKINS, Head Librarian

Director of Placement

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GENERAL INFORMATION

HISTORY

In 1867 the Reverend S. C. Alexander and the Reverend W. L. Miller saw the need to establish an institution in this section of the South and began to devise such plans as would secure the desired results. On April 7, 1867, at a meeting of the Catawba Presbytery in the old Charlotte Presbyterian Church, formerly located at the corner of D and Fourth Streets, Charlotte, North Carolina, the movement for the school was formally inaugurated, and these two ministers were elected as teachers.

Information concerning the establishing of the school was brought to the attention of Mrs. Mary D. Biddle, an excellent churchwoman of Philadelphia, Pennsylvania, who, through appeals on behalf of the work in one of the church papers, pledged \$1400. In appreciation of this first and generous contribution, friends of the project requested Mrs. Biddle to name the newly established school after her late husband, Major Henry Biddle. After the request was granted, the school was named Biddle Memorial Institute and later was chartered by the State Legislature under that name.

The first eight acres of land used as the site for the school were donated by Colonel W. R. Myers, a wealthy citizen of Charlotte, North Carolina. From 1867 to 1876 the school was known as the Biddle Memorial Institute. In 1876 the charter was changed by the Legislature of North Carolina, and the name of the school became Biddle University. The institution operated under this name until 1923.

From 1921 to 1922 the late Mrs. Jane Berry Smith, of Pittsburgh, Pennsylvania, gave funds for the erection of a theological dormitory, a science hall, a teachers' cottage, and a memorial gate at Biddle University. In addition, she provided a handsome endowment for the institution in memory of her late husband, Johnson C. Smith. In recognition of these generous benefactions, the Board of Trustees voted to change the name of the institution to Johnson C. Smith University. The charter of the school, accordingly, was so amended March 1, 1923, by the Legislature of the State of North Carolina. From 1923 until her death in October, 1929, Mrs. Smith gave funds for the erection of five more buildings, including a campus church.

The University was further strengthened from 1924 to 1925 as a result of a substantial provision by James B. Duke, a wealthy, "wise, magnanimous" businessman of Somerville, New Jersey. Mr. Duke also had a home in Charlotte and had been contacted by the president of the University, Dr. H. L. McCrorey, several years earlier for a contribution. Mr. Duke did not respond to Dr. McCrorey's letter, but in the authorization of the establishment of the Duke Endowment on December 11, 1924, Johnson C. Smith University was included as one of the beneficiaries. Through the

years the Duke Endowment has been of inestimable value to the continued development of the University.

The institution was recognized that year by the North Carolina State Board of Education as a four-year college. In 1929 the high school department was discontinued, and the standard program was restricted to a college of liberal arts and sciences and a theological department.

In 1932 the University's charter was amended, providing for the admission of women to the senior division. The 65-year-old institution for men then became partially coeducational.

In 1938 the institution attained the status of an independent college, affiliated with the Presbyterian Church in the United States of America, reporting to the General Assembly through the Board of Christian Education.

The first residence hall for women, named in memory of James B. Duke, was dedicated in 1940. In 1941 women were admitted to the freshman class. When the Diamond Jubilee was celebrated in 1942, the University was a fully coeducational institution.

Johnson C. Smith University joined the United Negro College Fund in 1944. This fund was organized primarily to help church-related schools of higher learning to revamp their training program, to expand their plants, to promote faculty growth, and to create new areas of service. The institution's membership in the fund began to bear fruit immediately.

In November, 1955, the Henry Lawrence McCrorey Theological Hall was dedicated and provided a new home for the 88-year-old seminary and its library. This new facility also provided space for a small chapel, classrooms, and offices. In 1969 the theological department was moved from Charlotte, North Carolina, to Atlanta, Georgia, and became a part of the Interdenominational Theological Center. McCrorey Hall is now a classroom building for religious education, philosophy, sociology, and other academic areas.

Through increasing support from the Duke Endowment, the United Negro College Fund, and other sources, the period between 1955 and 1968 was one of expansion of the physical plant and enrichment of the curriculum. Seven new buildings were erected during this period: the new gymnasium (1960), the Hardy Liston Residence Hall for women (1962), the University Memorial Union (1965), the Duke Memorial Library (1967), Myers Residence Hall for men and Sanders Residence Hall for women (1967), and a new science building (1968).

The institution completed in 1966 a two-year self-study program, which resulted in significant innovations in the curriculum. The year 1967 was a memorable one for all Johnson C. Smith University (formerly Biddle) alumni and friends. The University had reached its one hundredth anniversary. During this historic centennial occasion, the institution examined its past and made innovative and creative plans for the future.

The present site contains 75 acres of land and 46 buildings. The University has more than a thousand students and approximately

200 full-time faculty members, administrators, and staff members for administrative and support services.

Increasingly aware that today's demand for truly educated men and women is the most pressing in history and that quality and versatility are prerequisite to equal opportunity for all, Johnson C. Smith faces the challenge of her second century with new vision and a calculated plan of action.

PURPOSE

Johnson C. Smith University, an independent private college of liberal arts, was founded under the auspices of the Committee on Freedmen of the Presbyterian Church, U.S.A. The original purpose, which was to provide an institution of training "for the ministry, for catechists, and for teachers," has been greatly expanded. At the present time, Johnson C. Smith University exists as an undergraduate institution of higher learning, offering varied fields of study in the context of the small liberal arts college tradition, and is open to all qualified persons.

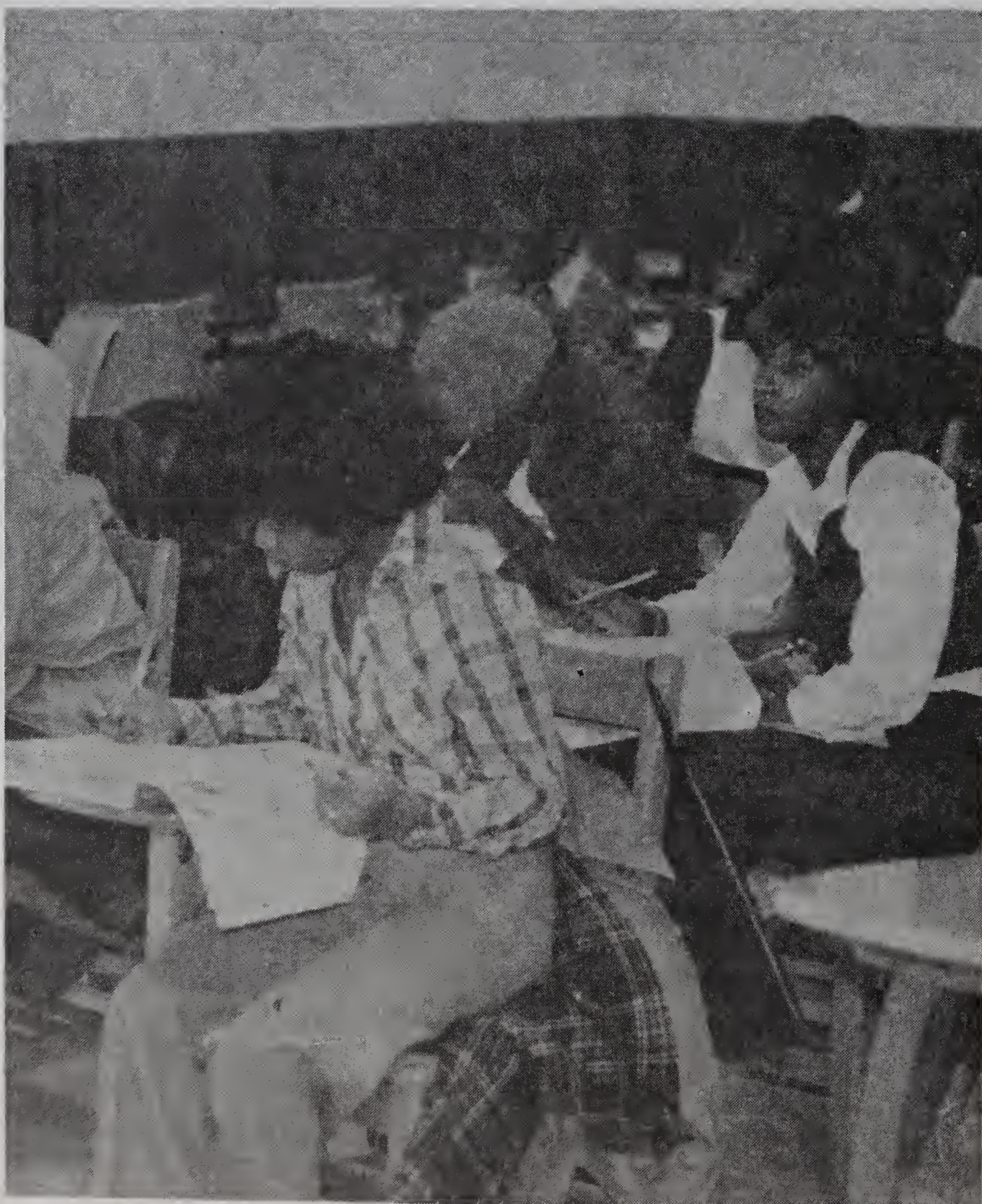
The general purpose of Johnson C. Smith University is to provide an environment in which men and women may realize as fully as possible their individual potential for intellectual, social, spiritual, emotional, and physical growth and well-being. In terms of intellectual growth, the purpose is to encourage and to develop objective, critical, and creative thinking, together with the ability to communicate thoughts and feelings effectively. In terms of social growth, the purpose is to develop the sensitivity and capability necessary for constructive human relationships at all levels of interaction, both with other individuals and with groups. In terms of spiritual growth, the purpose is to offer avenues for examining and expressing religious, moral, and aesthetic values and commitments. In terms of emotional growth, the purpose is to provide assistance in the continuing development of realistic self-understanding and self-acceptance. In terms of physical growth, the purpose is to provide for both theoretical understanding and practical implementation of the conditions necessary for the physical well-being of the individual and the community.

In the realization of these general goals of liberal arts education, Johnson C. Smith University has certain specific concerns and distinctive emphases which give the institution its individuality and identity. The special characteristics of Johnson C. Smith University include the following:

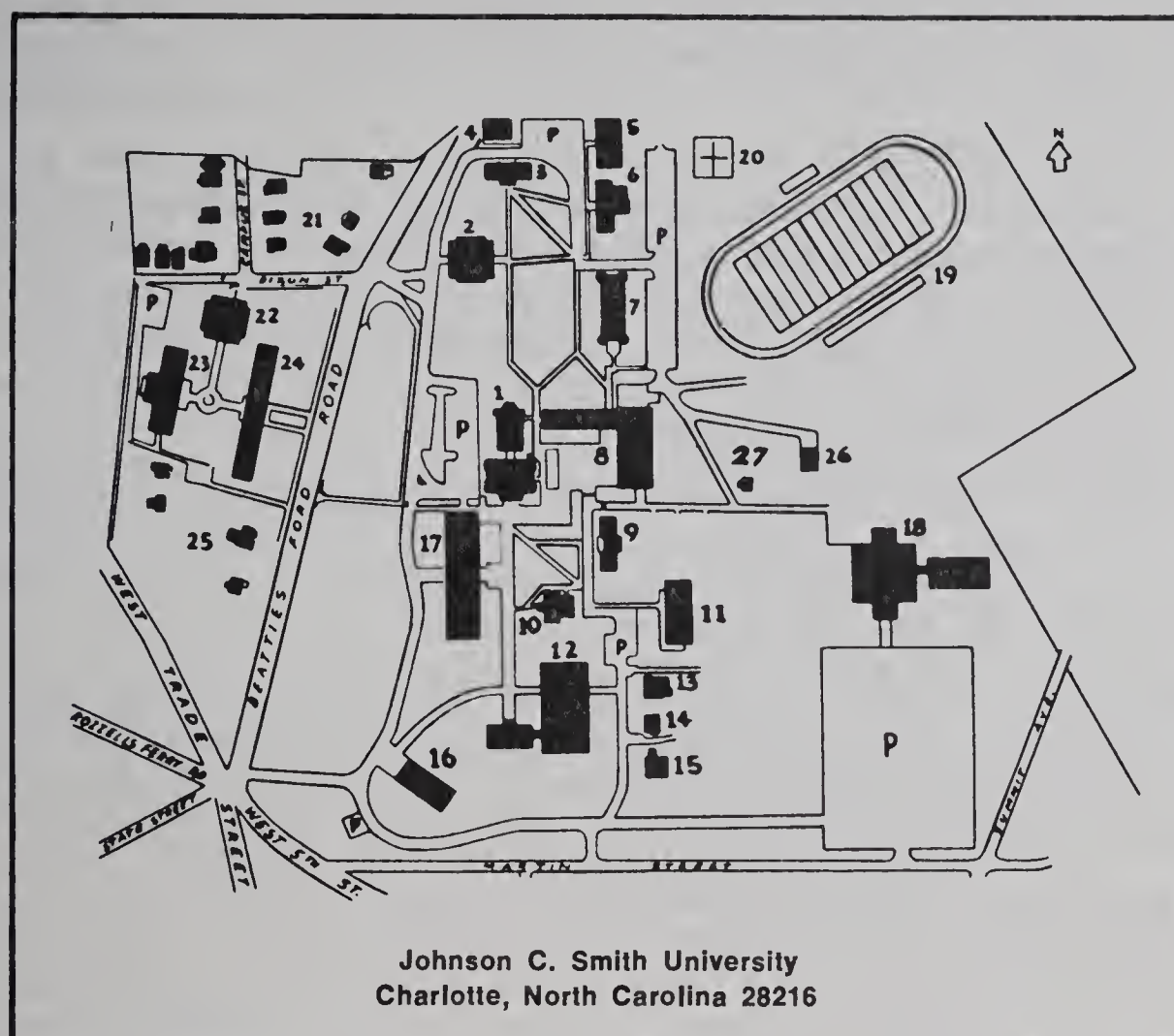
1. Effective relationships between the theoretical and the practical, between the development of the basic tools of communication and their application to various occupational fields
2. Primary emphasis upon teaching as the basic function of the faculty, with provisions for continuing evaluation, research, and improvement of the teaching-learning process
3. Concerted efforts to meet the actual needs of all students by devising specially designed programs both for the marginally prepared and for the exceptionally well prepared, as well

as enriched and innovative programs for the adequately prepared

4. Explicit attention given to the experiences, outlook, and needs of particular cultural groups, with the constant endeavor to integrate this concentration into the study and appreciation of American and other cultures
5. Acknowledgment of the history and current relevance of the religious heritage of man, as well as the development of new ways for relating the religious orientation and tradition of the University to that heritage
6. Adoption and development of an integrative approach to all aspects of the life and work of the University
7. Development of relationships between the University and the community wherein each benefits from the presence of the other



CAMPUS MAP



LEGEND

- | | |
|--|--|
| 1. Biddle Memorial Hall
(Administration Building) | 15. The Education Building:
The Mary Irwin Belk Center for
Early Childhood Education |
| 2. Myers Hall (Men's Dormitory) | 16. University Church |
| 3. Berry Hall (Men's Dormitory) | 17. James B. Duke Memorial Library |
| 4. Maintenance Building | 18. The Jack B. Brayboy Gymnasium |
| 5. Financial Affairs Office | 19. Sanders-McCrorey Field |
| 6. Band Room | 20. Tennis Courts |
| 7. Carter Hall (Men's Dormitory) | 21. Faculty and Student Housing |
| 8. University Memorial Union | 22. Sanders Hall (Women's Dormitory) |
| 9. Smith Hall (Men's Dormitory) | 23. Duke Hall (Women's Dormitory) |
| 10. Office of Student Affairs | 24. Liston Hall (Women's Dormitory) |
| 11. McCrorey Hall | 25. Cottages |
| 12. Science Center | 26. Heating Plant |
| 13. Infirmary | 27. Faculty Office Building |
| 14. Smith Cottage | |
| P Parking Area | |

Johnson C. Smith University is located at 100-300 Beatties Ford Road near the intersection of West Trade Street, Fifth Street, and Rozzells Ferry Road in Charlotte, North Carolina. Charlotte is served by Eastern, Delta, Piedmont, and United Airlines, by Greyhound and Trailway buses, and by Southern Railway. The campus is easily accessible to Interstates 85 and 77.

BUILDINGS

Biddle Memorial Hall, the main building on the campus, contains the administration offices of the University, classrooms, and lounges for faculty and students. The building consists of five stories, including the basement. Biddle Memorial Hall is located on the highest knoll of the campus and may be seen from almost any section of the city.

Carter Hall, built in 1896, is a dormitory for college men. The original building was a gift of Miss Laura Carter of Geneva, New York. In 1955 the building was completely modernized on the inside, leaving the outside walls to retain the original architecture. It houses 106 students and contains a lounge, recreation area, and living quarters for the director.

Johnson C. Smith Memorial Hall, which stands on the eastern side of the campus, supplies rooms for about 62 men students. It was named for the late Johnson C. Smith of Pittsburgh, Pennsylvania.

Berry Hall, a dormitory for men, stands at the northern end of the campus. It has four stories, including a basement. This dormitory, which was given in memory of the late Mrs. Smith's parents, has a reception parlor and houses about 55 students.

The James B. Duke Memorial Hall, the first dormitory to be constructed on the campus for the housing of female students, is located across Beatties Ford Road at the southwest end of the University campus. The three-story building is Georgian in style and has exterior walls of brick with limestone trimming. In addition to ideal living quarters for approximately 110 students, it includes the director's office, a beauty parlor, and laundry and trunk rooms.

Carnegie Hall, which housed the library from 1911 to 1968, is now occupied by the Freshman-Sophomore Center and by the Offices of the Vice-President for Student Affairs, Director of Student Life Programs, Counseling and Testing Services, Career Planning and Placement, and Financial Aid.

The Jane M. Smith Memorial Church, located near the entrance to the campus, is a gift of the late Mrs. Jane Berry Smith. This beautiful building, which was erected in 1928, is made of colonial brick with limestone trimming and has a front supported by limestone columns.

Smith Cottage, originally built as the winter home for Mrs. Johnson C. Smith, now houses the Offices of Public Relations, Alumni Affairs, and Private Relations.

The Henry Lawrence McCrorey Memorial Hall, dedicated on November 12, 1955, was formerly the administration building for the School of Theology. It was erected from funds raised by alumni, churches in the Catawba, Atlantic, Blue Ridge, and Canadian Synods, local friends, and the Building Fund Campaign of the Presbyterian Church, U.S.A. It contains three stories, including space for classrooms, offices, an assembly room, a meditation room, a reception room, and a stock room.

The Central Heating Plant was dedicated on April 7, 1954. It replaces individual heating units and is capable of furnishing heat and hot water for several buildings on the campus.

The Hartley Woods Hall, a gift of the late Mrs. Jane Berry Smith, was the original campus gymnasium and is situated at the northern end of the University Quadrangle. It now houses the Office of Financial Affairs.

The Jack S. Brayboy Gymnasium was completed in 1961. It is ideally situated on a spacious plot adjacent to a wooded area of the campus and is well away from other campus buildings. The gymnasium is a split-level brick and steel structure with a main playing floor, a seating capacity of 2500, two lobbies, and accessory equipment and storage rooms on the upper level. On the lower level are five instructors' offices, two classrooms, the main equipment and storage rooms, and the main physical education locker and towel rooms.

A glass-enclosed corridor connects the Pool Building with the lower level of the gymnasium. The south wall of the building is of fixed glass with sliding glass doors that open onto a patio which encompasses the length of the building. The swimming pool, which is seventy-five feet long and forty-two feet wide, meets indoor Olympic regulations. The depth of the pool is from three to ten feet. The Pool Building also contains the swimming instructor's office, toilet facilities, and beneath the pool deck, a corridor that encircles the pool wall and extends to the mechanical equipment room.

Liston Hall, dedicated on April 7, 1963, is a dormitory for women. Of modern design, the building will accommodate 152 students. It has two lounges and other facilities adequate for the convenience of young ladies. The building was named in memory of Dr. Hardy Liston, who served as president of the University from 1947 until his death in 1956.

The University Memorial Union, dedicated on May 30, 1965, is a beautiful three-story building which includes a cafeteria, a snack bar, conference rooms, faculty and student lounges, a bookstore, a post office, a music listening room, guest rooms, staff offices, recreational facilities, an all-purpose lounge and ballroom, a browsing-reading room, and the radio station.

The James B. Duke Memorial Library, a modern structure near the center of the campus, was completed in the summer of 1967. It has an open-shelf arrangement, designed to create interest and to provide easy access to the collection.

Total resources of the library include materials directly related to classroom work, as well as general and recreational reading materials. It houses valuable reference books, bound and unbound periodicals, pamphlets, and audio-visual materials, in addition to the general book collection—all of which promote the objectives of the University. There are frequent displays on subjects of general and special interest.

Books and periodicals that are not available in the James B. Duke Memorial Library may be obtained from other libraries through interlibrary loans and copying facilities.

Comfortable reading areas are provided on both floors of the library. On the second floor are located study carrels for instructors and students. The west wing of the building houses the Audio-visual Center and two classrooms for lectures and viewing.

Policies, designed for the interest of all users of the library, appear in the *Library Guide*, which is distributed at the circulation desk.

Myers Hall, completed in 1967, accommodates 122 men students. A modern four-story structure, the building has on the first floor an apartment for the director, a two-room suite for counselors, a lounge, a TV-snack room, laundry facilities, and an office for the assistant director of student life programs for men.

Sanders Hall, built in 1967, accommodates 120 women students. The four-story building has on the first floor two apartments for directors, a snack bar, a grooming room, laundry facilities, and an office for the assistant director of student life programs for women.

The New Science Center. The Science Center is composed of the completely renovated George E. Davis Science Hall and the new Rufus Patterson Perry Science annex which was completed and occupied in September 1968. This handsome tri-level structure was dedicated on April 2, 1978 in honor of the eighth former president of the University, Dr. Rufus P. Perry.

The Science Center is fully equipped for teaching, research and has classrooms, offices, laboratories, which facilitate experimental work in chemistry, the life sciences, mathematics, physics, earth sciences, psychology, computer science, and engineering sciences.

Education Building and Early Childhood Education Center. In June of 1976, Johnson C. Smith University began construction of a new facility to house the Education and Business/Economics Departments. An Early Childhood Education component was added as a teaching laboratory and community service project. Major donors who contributed to the facility were: The Belk Family Foundation; Department of HEW Higher Education Facilities; The Kresge Foundation; Observer Charities and the Z. Smith Reynolds Foundation. (Building erected during the administration of President Wilbert Greenfield)

PUBLICATIONS

The *Johnson C. Smith University Catalog* and admissions materials are published by the University.

The Bull, the yearbook, is published annually by the students.

The Newsletter is published during the fall and the spring by the Office of Alumni Affairs.

The University Student, the campus newspaper, is published periodically during the school year by the students.

The Student Handbook is published by the Office of Student Affairs as a guide to student life at the University.

The Galaxies is a summer publication of the Office of Public Relations.

ADMINISTRATIVE ORGANIZATION

Board of Trustees

The Board of Trustees exercises final authority of all University governance within the limits of the established charter granted to the institution by the State of North Carolina. The trustees delegate authority to various divisions of the University through the president. The officers of the University are delegated a portion of the responsibility for functions within the University. Brief descriptions of these offices and responsibilities follow.

Officers of the University

The president of Johnson C. Smith University is elected by the Board of Trustees and is an ex-officio member of the board. The other officers of the administration are appointed by the Board of Trustees upon the recommendation of the president. The following positions comprise the officers of Johnson C. Smith University: president, vice-president for academic affairs, vice-president for business and financial affairs, vice-president for student affairs, and vice-president for administrative affairs.

Office of the President: All officers of the University report directly to the president and, through him, to the Board of Trustees. Reporting directly to the president are the vice-president for academic affairs, the vice-president for business and financial affairs, the vice-president for student affairs, and the vice-president for administrative affairs.

Office of the Vice-President for Academic Affairs: The vice-president for academic affairs is the chief administrative officer for all academic programs. All academic officers report through him to the president. These include the director of admissions, the registrar, the director of Freshman-Sophomore Studies, the librarian, the director of Summer School, and the chairmen of academic divisions.

Office of the Vice-President for Student Affairs: The vice-president for student affairs is the chief administrative officer responsible for the management of student affairs. Those officers reporting to him are the director of student life programs, the director of counseling and testing, the director of the University Union, the coordinator of religious life, the director of student financial aid, the director of health services, the director of career planning and placement, and the director of the Upward Bound Program and Special Services.

Office of the Vice-President for Business and Financial Affairs: The vice-president for business and financial affairs is the chief administrative officer responsible for the business and financial operations of the University. Reporting to this office are the administrative officer, the personnel officer, the comptroller, and the director of the physical plant.

Office of the Vice-President for Development: The vice-president for administrative affairs is the chief administrative officer responsible for general administrative procedures involv-

ing the director of development, the director of alumni affairs, the director of University relations, the director of institutional research, and the director of federal and community relations.

Administrative-Faculty-Student Committees: Administrative-faculty-student committees provide an opportunity for administrators, faculty, and students to work together in evaluating, recommending, and implementing policy. This approach to decision making and policy formulation creates a better understanding of the total University and gives each segment an opportunity to discuss various points of view. These committees are responsible to the president and relate to that office through the vice-presidents.

Individual students may express their views and ideas to members of specific committees, or they may initiate discussion with the Student Government Association, Residence Hall Councils, Pan-Hellenic Council, Council on non-Greek Organizations, or Office of the Vice-President for Student Affairs.

Student appointments to these committees are made by the president of the Student Government Association, who submits his recommendations to the vice-president for student affairs. Upon confirmation by the vice-president for student affairs, the names are submitted to the president for appointment.

ADVANCED INSTITUTIONAL DEVELOPMENT PROGRAM UNDER TITLE III OF THE UNITED STATES OFFICE OF EDUCATION

Funds have been received under Title III in support of the following listed programs designed to improve the Administrative capability of the University. The objectives of the Administrative Improvement Programs are:

- To provide administrative and instructional improvement through computer science technology.
- To erect economies in instructional costs without lowering the quality of our educational program.
- To strengthen under-staffed academic programs.

Administrative Improvement Programs

Coordinator of the AIDP. Effectively coordinate the AIDP consistent with the approved plan; implement and administer the fiscal information of each activity.

Institutional Research and Planning. To provide an adequate level of institutional research to be used in institutional decision-making for curricular revision, improved teaching methods, continuing restructuring of student services.

Improving Academic and Administrative Efforts through Management Information Systems. To make institutional data readily available by dissemination through a well conceived and implemented information system.

STUDENT LIFE

DIVISION OF STUDENT AFFAIRS

The Division of Student Affairs consists of a core of programs to facilitate entry into the college environment. These programs are designed to provide opportunities for the student to develop healthy mental and emotional attitudes, to achieve a sense of self-direction and responsibility, to experience positive group interaction and interpersonal relationships, to use leisure time creatively, to get a clear understanding of the need for practical implementation of activities essential to physical well-being, to acquire financial resources for educational costs, to develop spiritual values, to express religious interests, and to plan adequately for the postcollege environment.

These objectives are achieved through the offices and/or programs that function under the direction of the vice-president for student affairs. These include student life programs, counseling and testing, Upward Bound and Special Services, religious life, health services, student activities, the Student Union, financial aid, and career planning and placement.

Student Life Programs

Student life programs focus on the general life and development of the student in the campus community. These programs, under the direction of the Office of Student Life Programs, include housing, student development programs, orientation, and international students, convocations, student government, operations of fraternal organizations, student publications, and judiciary programs.

New Student Orientation

A period of orientation is provided at the beginning of each semester for new students. Orientation consists of activities that will facilitate entry into the environment of the campus community. Students are introduced to the philosophy, the facilities, and the services of Johnson C. Smith and are provided opportunities to meet the people who manage the University. Orientation also includes academic advisement and consultation. Students are given assistance in initiating a program of study through testing and placement, consultation with advisers, instruction in registration policies and procedures, and introduction to major fields of study. Cultural activities, social affairs, and sports events are also a part of the orientation program.

Housing

The University may not have housing available to accommodate all students who wish to live on campus. For this reason, each student must apply each year for campus housing. Students are requested to file housing applications by June 30. It should be noted, however, that this procedure does not guarantee housing

space. Availability of space will be determined by the number of applications received by the filing deadline. New students who are admitted too late to file by June 30 are requested to file as soon as possible after being admitted.

A student must be admitted to the University before an application for housing will be accepted. Each person making application for student housing must make a deposit of twenty-five dollars, which must accompany the application for housing. The housing deposit will be held as an assurance that the applicant will comply with the procedures for being admitted to student housing. If the proper procedures have been followed, the deposit will be applied to the student's account at the time of registration for the period for which the application is made.

Students who are approved for campus housing will be sent a Housing Assignment along with the "Terms and conditions of occupancy—Student Housing Agreement." The assignment must be accepted or rejected not later than three weeks prior to the date of occupancy. Acceptance of a housing assignment is automatic agreement to the terms and conditions. Students who are not approved for campus housing will be refunded their deposit. If a student who accepts a housing assignment decides later not to enroll and gives notice of the decision at least three weeks before the date of occupancy, the assignment will be cancelled and the deposit refunded. Cancellation for any reason after this date will result in forfeiture of the deposit.

A housing assignment is made for the entire academic year. Except for students graduating or separating themselves in any other way from the University during the semester, individuals who accept assignments in campus housing obligate themselves to remain for the period of the assignment. Any other exceptions must be approved by the Vice President for Student Affairs and the Office of Business and Financial Affairs. Students must not move from the residence halls without this approval.

Students who choose to reside or must live off campus because housing is not available on campus will find rental units accessible to students in the Charlotte community. Students who reside off campus must make their own arrangements for off-campus housing. Upon request the University will refer students to real estate companies that are familiar with the local rental situation and will assist students in their search for rental accommodations. The University, however, assumes no responsibility for providing or supervising off-campus housing.

Counseling and Testing

Counseling and testing services are provided to help students assess their academic, vocational, and personal development. This office also assists students in developing and modifying behaviors in seeking the solution to problems of personal, social, and emotional development. By administering tests and interpreting the results, this office guides students in the evaluation of their aptitudes, interests, and performance.

Upward Bound and Special Services

Upward Bound is a precollege program for the marginal student who exhibits exceptional potential for academic achievement. The primary goal of the program is to focus on skill building and personal growth that will enable students to experience greater success in their postsecondary activities. This program is committed to work with those students who, from all indications, probably will not achieve success unless some nonclassroom assistance is given to them. Students enter the program in the sophomore year of high school and continue through the senior year and the summer immediately after high school graduation.

Special Services is a program designed to work with a limited number of freshmen and sophomores whose previous academic performance and cultural exposure indicate need for supportive services in order to enable them to achieve successfully at the college level. The program consists of three basic components: reading skills and language laboratory use, tutorial assistance, and counseling and contact services.

Religious Life

Programs of religious life, including those of the Student Christian Association, are developed and coordinated by the Coordinator of Religious Life Programs. These programs consist of religious activities representing educational and spiritual values in terms of individual development and personal discipline.

Health Services

Johnson C. Smith University maintains a minimal care health service for the treatment of minor illnesses. Health supervision and medical care are provided through the Student Health Services. The staff consists of a physician and several nurses.

A physical examination is required of all new students before they are admitted to the University.

All full-time students are permitted to consult with the Health Services staff. Students living off campus must report to the Health Center for treatment.

Persons reporting to Health Services for treatment will be given the initial dose of medicines and drugs. Prescriptions for subsequent drug and medicinal needs and medication beyond the initial dose provided by the Health Services will be given at the student's expense.

Frequently specialists are needed for students. In such cases the Health Services staff will refer students to recommended specialists. The cost of the services of specialists will be the responsibility of the students and their parents.

Students who need hospital care will be referred to hospitals in the city of Charlotte. The cost of hospitalization will be the responsibility of students and their parents.

Students are urged to carry adequate health insurance to protect themselves against the possibility of serious illness or injury requiring hospitalization or expensive medication and/or treat-

ment. The University has accident and hospitalization insurance, which is required of each student. Cost of treatment and hospitalization beyond the amount covered by this insurance is the responsibility of the students and their parents.

Students with coverage under a family health plan should check frequently their status in the plan since most family plans have certain age limitations.

Student Activities and the University Union

The program of student activities is a means by which students engage in living-learning experiences in an informal curriculum apart from the classroom. The program is intended to provide activities for development of responsible group participation and avenues for social interaction, for creative use of leisure time, and for cultivation and expression of various student interests. In addition to activities which emanate from the interests of individuals and informal groups, the following organized groups comprise the student activities program:

Governing Organizations: Opportunities for participation in policy-making are provided through membership in the Student Government Association, Student Christian Association, Residence Hall Councils, Pan-Hellenic Council, and Council of non-Greek Organizations.

Honor Societies: Honor societies are student organizations that give recognition for high scholastic achievement in the campus community. Alpha Kappa Mu Honor Society and Alpha Chi National Honor Scholarship Society encompass all students who achieve high scholastic averages in their overall academic performance. Beta Kappa Chi, Sigma Rho Sigma, and Sigma Tau Delta include students who achieve high academic averages in a particular major department.

Academic and Preprofessional Organizations: These student organizations are related to academic departments and preprofessional interests which serve to bring together students who are in a particular academic discipline and those who plan careers in a related profession. The aims are to expand understanding of the academic or professional area and to provide opportunities to relate knowledge and skills acquired in classroom settings to out-of-class situations.

Services: Service organizations seek to enrich the educational experiences of their members through a variety of service endeavors on campus and in the community.

Performing Groups: Performing groups consist of those students with outstanding talents in the performing arts or athletics. These organizations serve to recognize those individuals who contribute their talents and skills to the campus community through their participation in the performing activities on campus.

Fraternities, Sororities, and Social Fellowships: Eight national Greek letter fraternities and sororities and four national social fellowships are chartered to establish chapters on the campus.

The University Union: The University Union is more than a building. It is an organized program of social, recreational, and individual-interest activities available to all students, the faculty, the administrators, and the staff. The program is also available for use by alumni.

The Union program is administered through an organizational structure consisting of the Program Board and its several subcommittees, and a professional staff.

The University Union functions as a part of the educational program of the institution, its goal being the development of the total individual. The Union serves as a citizenship laboratory, training students for social leadership and responsibility. It provides a cultural and recreational program, seeking to foster correlation between study and free time. Finally, it encourages self-directed activity, providing opportunities for self-realization and individual and group social competency.

Campus Radio: WJCS, a gift from WSOC, is Johnson C. Smith's campus-wide AM radio station. It is affiliated with the growing Communication Arts Department and serves a dual purpose. For the serious communications student interested in a radio broadcasting career, it is a teaching tool and a laboratory for developing skills; for the general student, it is a source of information and entertainment. The station serves as a laboratory for the full academic day and broadcasts to the students during the lunch hour and the dinner hour with sign-off time at midnight.

Financial Aid

Application Procedure

A student must file an application for student financial aid each academic year. One annual application, when properly completed, will place the applicant in consideration for any aid funds administered by the Student Financial Aid Office. Applications should be filed with the Director, Office of Student Financial Aid, Johnson C. Smith University, Charlotte, North Carolina 28216.

All applicants for financial assistance must submit a statement of financial resources. All students and parents are requested to complete the Family Financial Statement (FFS) which is processed by the American College Testing Service (ACT) in Iowa City, Iowa. This application can be used for the Basic Grant Program also. Please be sure to read all the information and instructions to ensure that the application has been completed correctly. These forms are available at high school guidance offices and at the Student Financial Aid Office at the University. Students who expect to receive academic scholarships, athletic grants, or music grants must submit their applications in the same manner as those who apply for federal assistance.

The institution's financial aid office will accept the Financial Aid form processed by College Scholarship Service (CSS) if the ACT application is not available.

As a general rule, the deadline for all applications is April 15 of each year; however, applications are accepted after this date for students who are admitted after April 15.

A student’s eligibility for the BEOG award is taken into account in the amount of aid awarded from funds administered by the institution. The BEOG will likely constitute a considerable portion of the total amount of aid awarded; however, it is imperative that applicants file BEOG applications as soon as the forms are available.

Satisfactory Academic Progress

To be eligible to receive student financial aid students must maintain satisfactory academic progress as determined by the institution. Students not meeting such academic requirements may not receive financial assistance for the semester if they fail to meet requirements.

**UNIVERSITY POLICIES AND REGULATIONS PROGRAM
STUDENT FINANCIAL AID**

Eligibility for Student Financial Aid

Students are considered to be making sufficient academic progress to remain eligible for student financial aid if they maintain an academic average according to the following scale:

SEMESTER	HOURS EARNED	C.G.P.A.
1	0-15	1.2
2	16-30	1.4
3	31-45	1.5
4	46-60	1.6
5	61-75	1.7
6	76-90	1.8
7	91-195	1.9
8	106-120	2.0

Students who become ineligible because of academic probation will remain ineligible until their academic average is brought up to the scale above. Students who withdraw from the University after eight (8) weeks of attendance will not be entitled to receive financial aid for the next semester.

Transfer students must meet the same requirements as regular students to be eligible for financial aid.

Scholarships

Academic Scholarships: Scholarships are awarded on the basis of a student’s academic achievement. They are meant to recognize, encourage and assist young men and women who demonstrate leadership potential in a chosen field of study. Financial need generally is not a factor in making these awards, although the amount of the stipend assigned to each winner will vary with the financial circumstances of the recipient.

Funds for these awards are made available through endowments contributed by concerned individuals and organizations.

A limited number of academic scholarships (Duke Scholars) are offered in the freshmen year, primarily to participants in the Honors Program. Recipients are selected from high school seniors

with very high scores on the Scholastic Aptitude Test (SAT) and exceptional high school records. Scholarship to recipients who maintain the highest cumulative averages, 3.0 (B) and above, will be considered for renewal if funds are available.

North Carolina Scholarships: Johnson C. Smith receives state support based on the number of North Carolina residents enrolled. All in-state students who apply for aid from the University and show need for financial assistance will be given consideration for these scholarships.

Music Scholarships: Music scholarships are available to persons who demonstrate exceptional skills in choir and band. Recipients of these awards must be recommended by either the choir or the band director at Johnson C. Smith.

Grants

Basic Educational Opportunity Grants: The Education Amendments of 1972 authorized a new program of financial aid, the Basic Educational Opportunity Grants (BEOG). This program provides awards to students based on an eligibility index as determined by a central processing agency. The grant provides up to one half of the actual cost of attendance at the institution but must not exceed the student's determined need. A Basic Grant application must be filed each year according to instructions. Students may obtain forms from high school guidance offices, post offices, and the Johnson C. Smith Financial Aid Office, or they may write to the B E O G Program, Post Office Box 84, Washington, D. C. 20044.

Athletic Grants-in-Aid: Grants-in-Aid are available to students with athletic ability. Awards are made for performance in football, basketball, track, tennis, golf, and swimming, but recipients must be recommended by the coaches in each department.

Loans

National Direct Student Loans: The National Direct Student Loan (NDSL) Program, formerly the National Defense Student Loan Program, is supported by contributions from the federal government, the institution, and repayment from previous borrowers. These loans are available to undergraduate students, dependent upon the extent of the student's need and the availability of funds. A borrower may receive a maximum of \$5000 during his undergraduate years.

Repayment of a National Direct Loan does not begin and interest is not charged as long as the borrower is enrolled at least half time at an institution of higher learning. Repayment of principal, plus 8% per annum, begins nine months after the borrower ceases to be at least a half-time student. A ten-year repayment period is possible for large indebtedness; however, a minimum payment of \$30 per month is required. Repayment installments may be postponed for a maximum of three years if the borrower is a member of the military service, Peace Corps, or VISTA.

Guaranteed Student Loans: The Guaranteed Student Loan Program provides loans from private lenders (banks, credit unions, and the like) to students whose adjusted family incomes are less than \$25,000. Interest is at 7% per year with the federal government paying the interest during the period for those students who qualify for the federal interest benefit.

Procedures for applying for Guaranteed Loans may differ in each state. Application forms may be obtained from the lending agency itself or from the Financial Aid Office at the University.

Part-Time Employment

College Work-Study: The federally supported College Work-Study Program provides jobs for students clearly in need of assistance to enter or to continue in school. Jobs are available in all areas of the University.

Students approved for the College Work-Study Program are allocated a specific number of hours which they may work during the academic year, based on the extent of their financial need. Usually a student works fifteen hours per week. Annual renewal of a Work-Study assignment is dependent upon the student's application for the job, the financial need, and the employer's satisfaction.

Institutional Work Aid: The University provides funds for employment of a limited number of students who show lesser need or who do not qualify for the federal College Work-Study Program. The Institutional Work Aid Program follows the same principles of the College Work-Study Program in terms of hours, wages, and pay periods. Payment is made as a direct credit to students' accounts.

Awards and Prizes

A limited number of scholarship awards and prizes are available to students with exceptional skills in given areas. Funds for these awards are provided by private donors and companies that are patrons of the University. Interested students may inquire at the Office of Student Financial Aid concerning the eligibility requirements for the awards.

The Robert L. Douglas Memorial Scholarship in Mathematics is awarded by Dr. Clarence F. Stephens, a graduate in the Class of 1938, in honor of the late Dr. R. L. Douglas, who served for a number of years as professor of mathematics at the University. This scholarship of \$100 is awarded annually to a junior or senior mathematics student who has demonstrated ability and enthusiasm for graduate study in mathematics.

The Catherine Hughes Waddell Memorial Scholarship, a merit scholarship of \$500, is awarded to the best all-around student in scholarship and campus citizenship.

The A. O. Steele Prize of \$25 is given annually by the community Leadership Training Class in Religious Education to the freshman making the highest yearly average in religious education.

The Reader's Digest Foundation Endowed Scholarship Fund is provided by a grant of \$2500 from the *Reader's Digest* Foundation through its scholarship program. The annual income from the fund makes scholarship assistance available to a highly qualified student.

The Jefferson Standard Scholarship of \$600 is provided annually by the Jefferson Standard Foundation for a major in business administration.

The Alpha Kappa Mu Honor Society Award is given to a sophomore student with the highest average.

The Samuel W. Byuarm Award, presented by the National Council of Christians and Jews, is for students who have demonstrated an interest in promoting human relations.

The Morrison Scholarship Award is given annually by Eugene C. Morrison, a graduate of the Class of 1936, in honor of his mother and father, the late Susie A. and James W. Morrison. The recipient of this award must be a student who needs financial assistance and who demonstrates integrity, ambition, and ability to become involved.

Other Forms of Educational Assistance

Other sources of financial aid not administered by the Student Aid Office are available for assisting students in meeting their educational expenses. Assistance from outside agencies or programs may provide the full amount needed by the student, or it may be combined with an award from the University to meet this need. Information about other forms of aid can be made available upon request.

Career Planning and Placement

Career Planning: Students are assisted in career exploration and planning through career and vocational counseling and through the maintenance of a library of career information.

Job Placement: The Career Planning and Placement Center provides assistance in seeking part-time, summer, and career employment. The center maintains contact with business, industry, school systems, government, and nonprofit and educational organizations. It provides job listings and schedules campus recruitment visits and interviews by representatives of these organizations. Credential services are provided for those persons who are registered with the center. These services are available to undergraduates, graduating seniors, and alumni. Students are given assistance in interview behavior, in techniques of job seeking, and in selection of positions in which their training and capabilities will best be utilized.

Cooperative Education: The Cooperative Education Program is designed to expose students to the actual world of work in order to assist them in applying the knowledge and principles learned in the classroom to work experience. This program integrates

classroom experience with on-the-job work experiences in industry, business, or service occupations.

Participation in the program could cause graduation to be delayed by one or two semesters, but the rewards are well worth the delay.

Standards for Student Life

Johnson C. Smith University assumes that it is a community of mature students. It, therefore, expects the students to engage in life patterns that are consistent with this basic assumption.

The University standards are designed to maintain those conditions which will guarantee the best possible development of the mental, physical, social, and spiritual potentialities of every student on the campus. Success in this connection is dependent upon the fullest cooperation of everyone who participates in the life of the University.

Membership in the University

Attendance at Johnson C. Smith University is a privilege, not an inherent right. The University requires each student to observe the guidelines for student life in the University as found in this catalog, in the *Student Handbook*, in housing regulations governing life in the residence halls, and in other policies and procedures in official University publications.

The University reserves the right to cancel the enrollment of any student who abuses this privilege and violates the standards of life in the University when it is determined through the established process that a student has forfeited the privilege to remain in the University.

The basic standards, policies, and procedures for student life are set forth in the *Student Handbook* and are supplemented by policies and procedures specific to the various administrative and academic offices.

Administration of University Regulations and Standards

Regulations are normally administered by the office responsible for the areas which the regulations govern. When difficulties in observance of these regulations cannot be resolved by the administrative supervisor of that area, the problem is referred for adjudication through the judicial system established for student discipline as outlined in the *Student Handbook*.

ATHLETICS

Physical education, health, and athletics are considered integral parts of the total educational program offered at Johnson C. Smith University.

The University is a member of the Central Intercollegiate Athletic Association, the National Collegiate Athletic Association, the National Association of Intercollegiate Athletics, the American Tennis Association, and the National Intramural Association.

**ADVANCED INSTITUTIONAL DEVELOPMENT PROGRAM
UNDER TITLE III OF THE
UNITED STATES OFFICE OF EDUCATION**

Financial support has been received for the Student Services Programs in support of expanding the counseling services to the students who enroll at the University.

The objectives of the Student Services Programs are:

- To provide more adequate counseling and testing services for students who must compete for new opportunities in today's professional market place.
- To establish a program of supervised, practical, on-the-job experiences.

Student Services Programs

To provide a comprehensive core of services for a student population which includes blacks, American whites and several foreign students who bring to the campus community the particular press of their ethnic backgrounds.

Cooperative Education. To establish a program of supervised, practical, one-the-job work experiences that are directly related to the student's career goals and integrated with classroom study.

Career Counseling and Placement. Career development of the individual will be a major thrust for all Johnson C. Smith University students.

Counseling and Student Development. To provide a learning support system that will facilitate development and utilization of academic survival skills.



ADMISSIONS

REQUIREMENTS FOR ADMISSION

Johnson C. Smith University will accept, without regard to race, color, sex, or national origin, all qualified applicants approved by the Admissions Committee.

Admission to the freshman class is generally limited to recommended graduates of accredited secondary schools who rank in the upper two thirds of their class and who have taken the College Board (SAT) or the ACT. These students should have a minimum of sixteen units, including four units of English, two units of mathematics, two units of social science, and one unit of science.

Johnson C. Smith University will accept a limited number of academically high risk students. Generally, however, applicants graduating in the fourth quarter of their class and those making a low SAT or ACT score may not be considered for admission.

The Admissions Committee, after reviewing the total record of an applicant, may decide one of the following: first, to admit the student to the regular freshman class but to require the applicant to take such needed courses as may be determined by the placement tests; second, to offer suggestions of other educational programs which may better serve the applicant's needs.

FORMAL APPLICATION

Every candidate for admission must make formal application to the director of admissions. The student must request an application blank from the director of admissions, complete it properly, and return it with the application fee of ten dollars (check or money order made payable to Johnson C. Smith University). THIS FEE IS NOT REFUNDABLE.

Applications for admission are accepted at any time during the year, but all credentials must be on file in the Office of Admissions at least two months before the beginning of the semester in which the applicant plans to enter.

BASIS FOR SELECTION

The decision of admittance is based on the following:

1. Secondary school record
2. Level of performance on the Scholastic Aptitude Test of the College Entrance Examination Board or the American College Testing Program
3. Predicted degree of success based on class rank, size of class, and standardized test scores
4. Health record

ACCEPTANCE NOTICE

The application for admission will be processed immediately after the required credentials have been received, and the student will be notified of the decision of the Admissions Committee. A permit to register will be mailed to the approved applicant after the final records, the certification of graduation from high school, and the pre-entrance medical record have been received.

Applicants for admission may arrange to visit the University. This visit, however, is not a requirement for acceptance. Appointments for such visits should be made in advance.

FINANCIAL ASSISTANCE

Information on an application for financial aid may be requested from the director of financial aid. (For additional information, see Division of Student Affairs.)

TRANSFER STUDENTS

An applicant from another accredited college or university may be considered for admission to Johnson C. Smith University if the student has an overall average of **C** or above. No transfer credit is given for any course in which the applicant has earned a grade below **C**. Each transcript is evaluated on its own merits in light of its conformity with the program of study in the curriculum of Johnson C. Smith University.

The Admissions Committee will consider favorably only transfer applicants who are in good standing with the institution from which they are transferring.

The University generally will accept a maximum of sixty-four credit hours from a junior college. Credit hours, not grade points, are transferred.

FOREIGN STUDENTS

A prospective foreign student is required to submit the following materials before an admissions decision can be reached on the application:

1. An application form furnished by the director of admissions
2. An original or a certified photostatic copy of a transcript of work completed on the secondary level and, if applicable, on the college level
3. Evidence or proof of proficiency in English (TOEFL)
4. A statement indicating that the applicant's financial resources will enable the student to meet U. S. study costs
5. A one thousand dollar retainer fee before the release of the I-20 form
6. Three letters of recommendation acknowledged directly from their senders

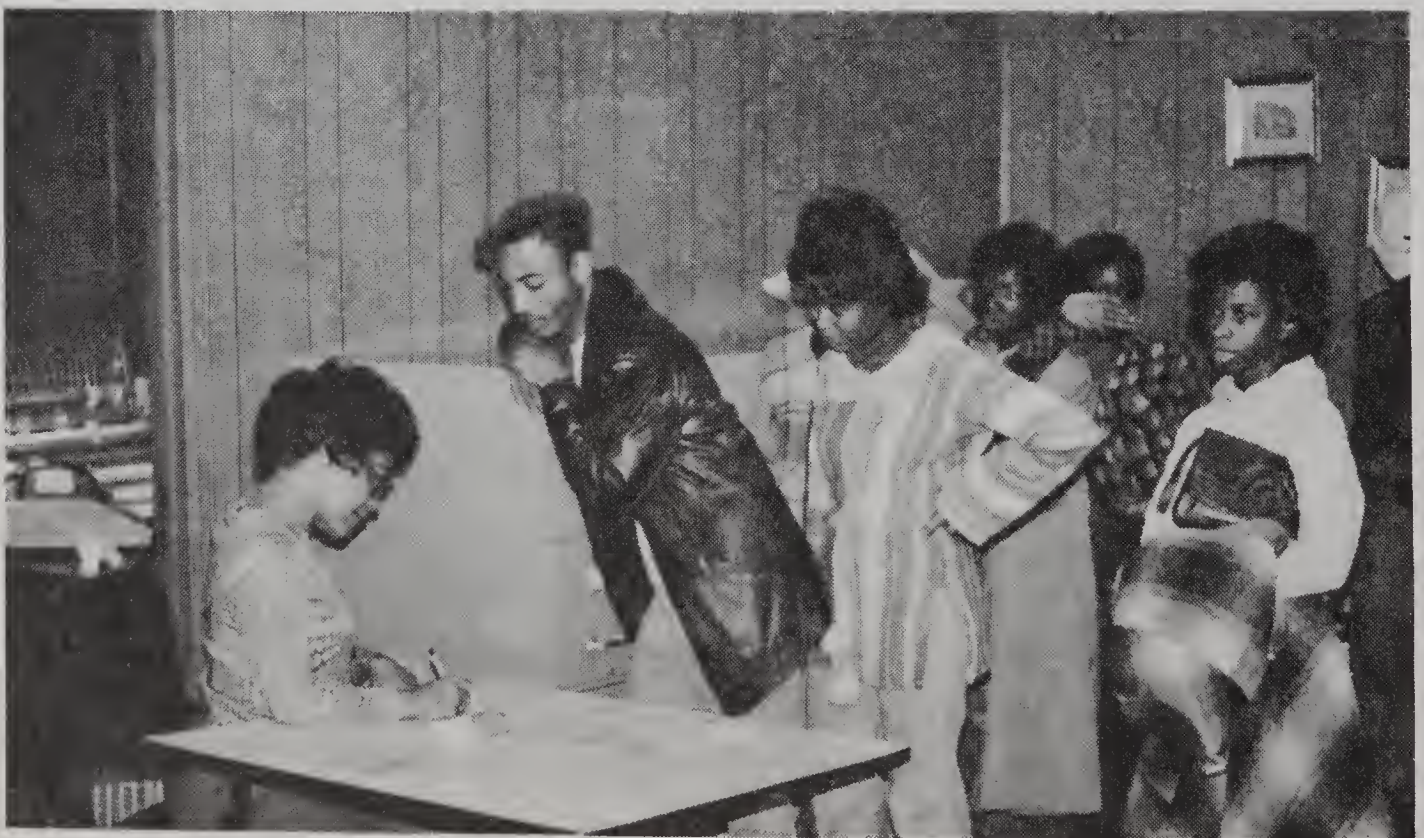
7. A health certificate
8. A certified chronological list of all courses taken from the beginning of elementary school to the highest level attained. (A foreign student attending another U. S. institution will not be considered for admission on a transfer basis until the applicant has completed at least one semester—preferably one year—of study at the institution which issued the I-20 form.)

SPECIAL STUDENTS

Applicants, who must be at least a high school graduate, may enter Johnson C. Smith University for the purpose of taking certain courses without becoming candidates for a degree. They will not be subject to the specific requirements for admission but must prove to their instructors the ability to pursue successfully the courses for which they have registered. Such students may later become candidates for a degree by meeting all entrance requirements. Special students will not participate in intercollegiate athletics or other student activities. They will be subject to the same rules and regulations as regular students. **APPLICANTS WHO HAVE DONE PREVIOUS COLLEGE WORK MUST BE ELIGIBLE TO RETURN TO THE INSTITUTION LAST ATTENDED. FINAL APPROVAL FOR ADMISSION IS NOT GRANTED UNTIL OFFICIAL DOCUMENT IS ON FILE VERIFYING GRADUATION.**

READMISSION OF FORMER STUDENTS

A student who has withdrawn in good standing and who subsequently seeks readmission must apply in writing through the Registrar's Office. Re-entering students **MUST** receive notice of approval before returning to the University. **ACADEMIC DISMISSALS MUST APPLY IN WRITING THROUGH THE ADMISSIONS COMMITTEE.**



FINANCES

REGULAR FEES

The fees and charges listed herein are applicable to all students. In addition to regular fees and charges, a separate listing of special fees and charges is provided for those persons who may be affected. Travel, clothing, books, and other personal expenses are not included. However, the cost of textbooks and supplies can be expected to average at least \$150.00 per year or \$75.00 per semester.

Regular Session Fees:	Per Semester	Per Year
Tuition	\$ 850.00	\$1,700.00
Fees		
Student Union	50.00	100.00
Athletic Fee	16.00	32.00
United Negro College Fund	5.00	10.00
*Student Government Association	11.00	22.00
*Student Yearbook	8.00	16.00
Lyceum Programs	5.00	10.00
Insurance (Student)	12.00	24.00
Student Newspaper	5.00	10.00
Total Tuition and Fees	\$ 962.00	\$1,924.00
Room and Linen Charges	313.00	626.00
Meal Charges Under Boarding Plan	325.00	650.00
Total Tuition, Fees, Room and Board	\$1,600.00	\$3,200.00
Part-time Student Tuition and Fee Rates:		
Per Semester Hour (fewer than 12 hrs) \$	60.00	

PAYMENTS

Total semester fees and charges are due and payable in full on or before registration of each semester. Any student not making the required full payment of fees and charges will be assessed an additional fee of \$24.00 per year for partially defraying the cost of handling an installment arrangement.

Please mail payments not less than two weeks prior to due date or pay in person at the time of registration. Students are strongly urged to pay in advance to reduce the registration procedure time. Remittance of money for school expenses should be made by certified check or money order payable to Johnson C. Smith University. Address payments to the Cashier's Office, Johnson C. Smith University, Charlotte, North Carolina 28216.

Any student desiring installment arrangement should contact the Financial Affairs Office for plans available. The Financial Aid Office will provide information regarding other Student Loans.

*NON-REFUNDABLE FEE. Students entering Spring Semester will pay half the total fee for Student Government Association and the total fee for the Student Yearbook.

INCIDENTAL FEES	Per Year
Parking (Day Students)	\$ 5.00
Parking (Boarding Students)	10.00
Admission Application Fee—New Students	10.00
(No refund or credit on account)	
Room Reservation Deposit	25.00
Installment Fee (per year)	24.00
Meal Card Replacement Fee	5.00
ID Card Replacement Fee	5.00
Graduation Fee	25.00
Student Teaching Fee	30.00
Music Private Lesson Fee (one-half credit hour)	15.00
Music Instrument Use Fee (per semester)	10.00
Ambulance or other medical or dental expense not covered by insurance	Actual cost
Infirmary Medical Treatment Charges (each visit after first) per illness	2.00
Infirmary Room Charges (each day after third)	6.00
Transcript Fee (after first)	2.00
Late Registration Fee (per day; maximum \$15.00)	5.00
Late Examination Fee (per subject)	2.00
Dormitory Lost Key Fee	5.00
Bad Check Charge (each time returned)	3.00
Excess Credit Hours (per hour)	60.00
Removal of Incomplete Grade, per course	2.00

AUDITING COURSES

Auditing of courses is open, without credit, to any person upon the payment of all applicable fees. Currently enrolled full-time students may audit courses without additional charges unless total hours exceed eighteen. An auditor is not required to participate in class discussions, to prepare assignments, or to take examinations.

REFUNDS

Eligibility: A student is only entitled to a cash refund when an excess amount of cash has been paid by the parents or the student. The cash refund is calculated on the pro rata share of cash paid and all federal/state restricted scholarship aid received by the student for a semester. The unused share of BEOG, SOG, NDSL, state grants, and restricted scholarship aid will be removed from the student’s account and redeposited in the respective budgets.

Withdrawal from the University: A student entitled to a cash refund for withdrawing officially from the University must complete the following steps: first, secure six withdrawal cards from the Counseling and Testing Center; second, complete all necessary data; third, obtain official signatures on the card from the counselor, librarian, registrar, Vice President for Academic Affairs and financial officer (the registrar will notify the faculty); fourth, return five of the six signed cards and the identification card to the

Counseling and Testing Center; fifth, retain one copy for personal files.

NOTE: If the student has a meal card, it must be deposited in the Office of Financial Affairs on the same day required to submit the withdrawal cards.

Students leaving the University at any time after registration without officially withdrawing will be ineligible for a refund.

Changes in Academic Hours: A full-time student is one who is registered for twelve or more hours. Students must pay for all hours in excess of eighteen with approval of the vice-president for academic affairs. A student charged for hours in excess of eighteen at registration must drop these within fifteen calendar days from the first day of registration in order to have charges removed.

A student who is registered for twelve hours or more and decides to reduce the number below twelve hours must do so within fifteen calendar days from the first day of registration in order to have charges removed. Charges will be computed on a per credit hour basis for students officially registered for fewer than twelve hours, and the student will be classified as part-time.

There will not be any charges for changes when the registered course level is between twelve and eighteen hours.

Adjustment of Fees: The following schedule will be used in making cash refunds for withdrawing:

Withdrawal Periods	Percent of Refund
(Weeks are counted from first official day of registration.)	
1 - 2 weeks	85%
3 - 4 weeks	70%
5 - 8 weeks	45%

After eight weeks a student is liable and must pay all charges made during that semester.

SPECIAL NOTICES AND EXPLANATIONS

1. The University reserves the right to increase or to decrease all fees and charges and to add or to delete items of expense without advance notice as circumstances, in the judgment of the administration, may require.
2. The official date for a student to withdraw from the University is the date affixed upon completion of the withdrawal process. The withdrawal forms are filed with the Office of the Director of Counseling and Testing.
3. Room and board rates are based on the average cost of operations for the entire school year. These rates include provision for services only during the scheduled operational days. Therefore, allowances have been made for the Christmas and spring holidays when these facilities are

closed. Every student is strongly advised to be prepared to vacate the campus premises during these two vacation periods.

4. The University is not responsible for theft or damage to students' personal property arising from any cause.
5. Students who, through malicious or negligent conduct, lose, damage, or abuse University property will be subject to disciplinary action and will be required to pay, at replacement cost, for such loss or damage.
6. Personal spending money or allowances should be sent directly and made payable to the student in the form of money orders or certified checks. The University cannot cash personal checks for students.
7. The diploma and transcripts of records are withheld until the student has paid in full all fees and charges due the University. Moreover, a student in debt to the University in any amount will not be admitted to final examinations in any course or be permitted to register for any subsequent semester or term until the obligations are met. Any student whose account is in arrears by thirty days or more is subject to dismissal from school for nonpayment of fees.
8. Student teachers who are boarding students at the University will be granted credit on their accounts for meals missed during their absence from the campus, provided the meal card is surrendered at the Business Office prior to their official leave. No credit will be allowed on room rent or other fees.
9. The student is responsible for personal laundry and dry cleaning.
10. Cooking or the use of electrical or mechanical cooking appliances in the University residence halls is prohibited.
11. No student who is indebted to the University will be permitted to join a social fraternity or sorority.



THE ACADEMIC PROGRAM

REGISTRATION

Time: All students must register at the beginning of each semester, whether they were in residence the preceding semester or not. Students are required to register in person at the University between 8:15 a.m. and 5:15 p.m. on the days designated. New students and freshmen will be advised regarding courses and registration procedures during orientation sessions at the beginning of each semester. Dates specified for new students and freshmen to register are listed in the University Calendar. All students will report for registration as indicated in the University Calendar.

Late Registration: Students may be allowed late registration upon the payment of a late fee of five dollars per day, but no student will be permitted to register later than the time specified in the calendar.

Changes in Registration: If a student finds it necessary to make a change in the program of study after he has registered, the change must be made through the Registrar's Office on blanks provided for that purpose. For any such change the student must obtain the permission of the instructor and the adviser. This procedure is followed for dropping or adding a course.

The adding of courses must be completed before the time for making changes expires. A COURSE DROPPED WITHOUT PERMISSION IS CONSIDERED A FAILURE AND IS RECORDED AS SUCH.

A STUDENT CHARGED FOR HOURS IN EXCESS OF EIGHTEEN AT REGISTRATION MUST DROP THESE WITHIN FIFTEEN CALENDAR DAYS FROM THE FIRST DAY OF REGISTRATION IN ORDER TO HAVE CHARGES REMOVED.

Student Load and Excess Hours: The normal load for all students is 15-18 credit hours. In the Summer Session the normal load is 6 credit hours. Students wishing to take hours in excess of 18 credit hours will be charged for extra hours at the rate of \$60.00 per credit hour. The fee for extra hours may be paid on the installment plan for a given semester. (Special permission must be obtained from the vice-president for academic affairs.)

A. Maximum Load

1. During a regular session a student may not enroll for more than 18 hours, excluding band, choir and military science. The total load should not exceed 22 hours, except that a student whose average was "B" or better during the preceding semester or complete summer session may apply to the Vice President for Academic Affairs to take an additional hour.
2. Any student who desires to enroll for more than 18 hours must obtain permission from his or her advisor or department head, division chairperson and the Vice President

for Academic Affairs. Forms to enroll for more than 18 hours may be obtained in the Office for Academic Affairs.

3. During a summer term a student may not enroll for more than six hours, except that one course is a four hour course, in which case he may enroll for seven hours.

GRADES AND CREDIT

Symbols: The quality of a student's work in a course must be reported to the registrar by the use of the following grades: **A, B, C, D, P, F, and I.** **A** denotes excellent scholarship; **B**, good; **C**, fair; **D**, poor. Work reported as the grade of **D** cannot be raised to a higher grade by examination. **F** indicates failure; a student receiving such a grade may repeat the course. **P** is the passing grade assigned to all courses for which no credit is allowed. The grade **I** indicates that the work has not been completed and that the student did not withdraw from the class. A student who officially drops a course will receive the grade of **W**.

A. The grading symbols are: A (90-100); B (80-89); C (70-79); D (60-69); F (below 59 or withdrew unofficially); I (Incomplete); W/P (withdrew passing); W/F (withdrew failing); or W (withdrew prior to taking a test).

B. Courses in New Doorways, English 131-132, English 190, and Mathematics 130, use the following grading symbols: A (90-100); B (80-89); C (70-79); D (60-69) for Math 130 only, and I (below-70; in progress). When the student receives a grade of "I", he is required to re-enroll, under the guidance of the Coordinator of Freshman English, in the appropriate course section. After satisfactory completion of the course, he is given an Incomplete Removal Slip (no charge) by the Registrar's Office on which the grade of A, B, or C is reported. If the "I" is not removed by the end of the two semesters following its incurrence, it will become a grade of F. English 131-132 and Mathematics 130 are developmental courses and carry no credits toward graduation.

Grade Points: Grade points are determined by multiplying the number of credit hours which a course yields by the grade point value of the grade. Grade points are computed as follows: **A**, 4 points for each credit hour; **B**, 3; **C**, 2; **D**, 1; **P**, 0; **F**, 0.

Grade for Major Work: No grade below **C** will count for credit in the student's major or minor work, and no student will be permitted to enroll for student teaching without a minimum grade of **C** in the designated area to teach.

COURSE EXAMINATIONS

Semester or session examinations: All students are required to take the final examination in each course for which he or she is properly enrolled. Exceptions to this rule are granted by the department head and division chairperson. The final examination must not account for more than twenty-five per cent (25%) of the

final grade. FAILURE TO TAKE AN EXAMINATION DOES NOT GUARANTEE A GRADE OF I.

Mid-Semester tests: All students are required to take the mid-semester test in each course for which he or she is properly enrolled.

Incompletes: A student who, as a result of sickness or some other unavoidable cause, has not fully satisfied the requirements of a course may be given a grade of I, if the successful completion of the work will enable the student to earn a passing grade. The incomplete may be removed while the student is not enrolled, but it must be removed within six weeks after the beginning of the next semester in which the student is enrolled. Any student who fails to complete the requirements for the removal of an "I" in the six weeks allotted, must request an extension through his or her instructor prior to ending of the allotted time. A form for this purpose can be obtained in the Registrar's Office. Any incomplete not made up by the end of the next semester in which the student is enrolled will be changed to an F on the student's permanent record. When the grade of I has been removed, the student must secure the necessary form from the Registrar's Office, take it to the Office of Financial Affairs, pay the necessary fee for removing incompletes, then submit the form to the instructor, who will report the final grade to the registrar.

IF A STUDENT DOES NOT ENROLL WITHIN TWO YEARS AFTER RECEIVING THE I, THE INCOMPLETE BECOMES A PERMANENT I.

Repeating of Courses: No student will receive credit for the same course twice. If any course is repeated in which credit hours are earned, the student's permanent record will be adjusted by subtracting the hours of the lower grade from the total hours earned. Credit hours will then be recorded for only the higher grade.

Withdrawal: Any student desiring to withdraw from the University during a semester must comply with the regulations explained on page 25; otherwise, all grades will be recorded as F.

Transfer of Credit: Students may obtain credit by attending another college or university during the summer if the following conditions are met:

1. The proposed institution of study must be accredited by one of the six regional accrediting agencies of the United States and must offer the corresponding work at Johnson C. Smith University.
2. Approval is to be secured from instructors, advisers, and heads of the departments at Johnson C. Smith. Application for approval must be submitted on the proper form obtainable from the Registrar's Office. When the form has been properly executed, it is returned to the Registrar's Office. Elective credits may be received for certain courses which do not correspond to any offered at Johnson C.

Smith, provided approval is first received from the appropriate department head.

3. Approved courses in which the student receives a grade of **C** or better are transferable with the credit hours and grade points earned. **CREDIT WITH GRADE BELOW C WILL NOT BE ACCEPTED.** Where quarter hours are taken, they will be converted at the rate of three semester hours to equal five quarter hours.
4. Normally, no more than fifteen hours, **EXCLUDING COURSE WORK THROUGH THE CONSORTIUM**, may be transferred.

NOTE: Work experiences, institute participation, and travel experiences for credit **MUST** be cleared and approved before a student takes part in such a venture.

Exceptions to the conditions listed above will only be made when approval results from a meeting of the vice-president for academic affairs, academic adviser, registrar, and president, ex officio.

THE STUDENT IS RESPONSIBLE FOR FOLLOWING THE PROCEDURES LISTED ABOVE.

Grade Reports: At the end of each semester, grade reports are sent to parents or guardians. The Academic Office is given a six-week report to indicate failures in course work. Only semester grades are permanently recorded.

TRANSCRIPTS

An official transcript of a student's academic record will be sent to a designated person or institution upon written request by the student. However, all obligations to the University must be cleared before a transcript is released.

The first transcript is free of charge, all subsequent copies are \$2 per copy.

All transcript requests are made through the Registrar's Office and should be received at least one week before they are needed.

CLASSIFICATION OF STUDENTS

Students in the University are classified for the year at the beginning of the **FALL SEMESTER** according to records in the Registrar's Office. The basis for this classification is as follows:

Seniors: Students who have, unconditionally, at least 90 credit hours of work.

Juniors: Students who have, unconditionally, at least 60 credit hours of work.

Sophomores: Students who have at least 30 credit hours of work.

Freshmen: All other students, not registered as special, without regard to date of admission

Specials: Students who have not been admitted to candidacy for a degree

MAINTENANCE OF SCHOLARSHIP

Class Attendance: All students are expected to attend classes. Students taking 100- and 200-level courses will be required to attend classes in those courses. Students on probation and on warning will be required to attend classes in all their courses. These students will be allowed no more than twice as many absences as credit hours in the course. A student who has been absent for more than the allotted number of times may drop the course officially (W—no credit) or may automatically receive a failing grade of **F** for the course. Exception may be made by written request for waiver by faculty members and approval by the director of Freshman-Sophomore Studies.

Academic Status: A student who is in good academic standing at Johnson C. Smith University has a minimum grade point average of 2.0 (twice as many grade points as credit hours attempted). Every course for which a student has registered and from which the student does not officially withdraw is classified as attempted. Credit hours attempted are adjusted to reflect only the last attempt for repeated courses.

A student who is not in good standing is either on warning or on probation, according to the number of hours attempted and the number of grade points earned. A student on warning may continue to work toward the improvement of scholarship. A student on probation has one semester to remove the probationary status. The failure to remove the probationary status at the end of the semester in which the student has been placed on probation will result in the student’s automatic dismissal for poor scholarship.

Academic Warning, Probation, and Suspension

Enrollment Status: In order to be full-time, a student must be enrolled for a minimum of twelve (12) semester credit hours. Any student enrolled for less than twelve (12) hours at any given period during a semester is a part-time student.

Academic Warning: Any student who falls below a grade point average of 2.0 will be placed on academic warning. A student on academic warning may continue to work toward the improvement of scholarship.

Academic Probation: Any student who fails to maintain a grade point average according to the scale will be placed on academic probation:

SEMESTER	HOURS EARNED	C.G.P.A.
1	0-15	1.2
2	16-30	1.4
3	31-45	1.5
4	46-60	1.6
5	61-75	1.7
6	76-90	1.8
7	91-105	1.9
8	106-120	2.0

A student on academic probation will be given one semester to remove the probationary status.

Disqualification and Dismissal for Poor Scholarship: A student who fails to remove the probationary status at the end of the semester in which the probationary status was incurred will be subject to dismissal from the University for poor scholarship.

HONORS LIST

At the end of each semester an Honors List consisting of students who have earned a grade point average of 3.0 or better is published. Only students who are registered for a minimum of fifteen credit hours will be considered for the Honors List.

THE HONORS PROGRAM

Purpose

The purpose of the Honors Program is to meet the academic and creative needs and aspirations of students of exceptional academic ability who accept the invitation to participate in the program. These needs are determined through a continual process of investigation, planning, and evaluation conducted by the Honors Program Committee, which is comprised of faculty and students. The general structure of the Honors Program is determined by the Honors Program Committee, but the specific modes of implementation are determined by the faculty and the students working in the Honors Program.

Beginning in the first semester of their freshman year, the students in the Honors Program are afforded unusual opportunities to experience a wide variety of educational endeavors throughout the entire duration of college. Through special channels designed to encourage and to facilitate a high level of academic achievement, the Honors Program student will work to develop a trained mind which can adapt to the changing world.

Structure

Students are enrolled in two types of courses: courses in which only Honors Program students are enrolled and courses in which both Honors Program students and other students are enrolled. Departmental honors (additional title, if any, as well as number and credit hours) will be determined by the department. Courses are designed for the Honors Program students and other exceptional students, but initiative, as well as the design and the staffing, rests with the department. Whenever Honors Program students are enrolled for Honors Program credit, the course is subject to approval by the Honors Program Committee.

In in-course honors (title, numbers, hours, and credit given in the regular catalog listing), special work is designed for one or more Honors Program students enrolled in a regular course. The students and the instructor share in the initiative and the design; however, the final design is subject to approval by the Honors Program Committee.

Freshman Honors in Humanities

Courses	Credit Hours
Honors English 141-142	8
Honors Philosophy 131-132 or	
Honors Religion 130-131	6
Honors History 131-132	6

Honors English 141-142, Composition, Literature, and Cultural Enrichment, is a team-taught course in which students satisfy the requirements for English composition and world literature. Students are taught the fundamentals of composition and are given wide experience in creative and expository writing. Literary masterpieces are studied in conjunction with composition. For cultural enrichment, students attend plays, operas, concerts, and cultural seminars in the Charlotte-Mecklenburg area and participate in educational television drama series whenever possible.

Structure

Special team-taught honors courses are included in English, philosophy, and history. Students earn ten credit hours per semester: nine for participation in these courses and an additional hour (one credit) for special enrichment activities in the English component. Likewise, students may elect to take in-course honors in mathematics, from which they can earn three credit hours in the Honors Program during their freshman year.

Sophomore Honors in Social and Political Science

Students take special departmental honors courses—for example, Honors Political Science 131 : American Government. This course, which has a seminar design, is a study of the development, structure, and operation of the American political system. The requirement is three hours.

Junior Honors

Students conduct research and independent study in their major fields under the guidance of the faculty. Although the requirement is three hours, a reduction in the number of hours will be made in special cases.

Senior Honors

Students conduct research and independent study in any field of interest under the guidance of the faculty. They present their papers to the Honors Program Committee. The requirement is three hours; however, a reduction in the number of hours will be made in special cases.

Grading Policies

For those students who have maintained a grade of **B** or above on their honors projects, the word **Honors** will be placed on grade sheets beside the students' names. The reason is to designate creditable performance in special HONORS COURSES, IN-CLASS HONORS, and INDEPENDENT STUDY.

Financial Assistance

Students in the Honors Program receive financial assistance to cover tuition. They are required to maintain a 3.0 average in order to retain their scholarship.

NEW DOORWAYS TO TEACHING AND LEARNING

New Doorways to Teaching and Learning is an integral part of curricula at Johnson C. Smith University. Its four components, reading, writing, mathematics, and counselling, have developmental and basic skill courses which allow the entering freshman to acquire mastery in these areas. Support services such as the Writing Center, Reading Laboratory, and Mathematics Laboratory employ innovative techniques to enhance the effectiveness of regular instruction.

By use of diagnostic tests, individualized instruction, classroom lectures, tutors, counselors, audio-visual aids, clinics, and small group sessions, the students progress at their own pace through the general education requirements. At the end of the sophomore year, the students are expected to function effectively in their areas of specialization in the upper division of the University.

GENERAL EDUCATION PROGRAM

The main purpose of the general education program is to enable each student to acquire a broad and substantial foundation in the major fields of knowledge. The program is designed to complement the program of specialized education by preparing students for responsible and imaginative living, as well as for integrated members of the society.

Entering freshmen are required to take a series of examinations for placement and counseling purposes during Freshman Week. The achievement tests in mathematics, foreign language, and English are for placement; interest and psychological tests are for use in counseling.

Students who, through testing, demonstrate proficiency in a subject matter area may be given advanced standing in that specific area. This procedure, however, will not reduce the total number of hours required for graduation.

A student may begin a major in the freshman year.

Freshmen will not be permitted to take more than the normal load, fifteen to eighteen credit hours.

Students who score less than 110 on the Master Pre-Test, less than 8.5 on the Nelson Reading Test, and less than 27 on the Mathematics Entrance Examination cannot carry more than thirteen or fourteen credit hours for the first two semesters.

General Education Requirements for Graduation

Area and Courses	Credit Hours
English Composition and Literature English 190-I and 190-II (6 cr. hrs.), English 231 and 232 (6 cr. hrs.) or English 235	12
Foreign Language Two semesters of same language—no exceptions	6
The Humanities and Fine Arts Philosophy or Religion (3 cr. hrs.) *Speech 131 (3 cr. hrs.) *Music 131 (3 cr. hrs.) *Art 231 (3 cr. hrs.)	12
The Social Sciences History 131-132 (6 cr. hrs.) (Which must include U. S. History in its proper perspective) Six credit hours distributed over two of the areas listed below. (6 cr. hrs.) Economics 131 Political Science 131 Sociology 131 Psychology 131	12
The Natural Sciences and Mathematics Math 131-132 (6 cr. hrs.) Biological Science (4 cr. hrs.) Biology 140, 143, or 144 Physical Science (4 cr. hrs.) Physical Science 144 Chemistry 141 Physics 241	14
Physical Education Personal Hygiene (2 cr. hrs.) Activity—any two different courses (2 cr. hrs.)	4

Placement

Physical Education—All students are required to develop competencies in Physical Education by successfully completing two (2) semester hours in activity courses. These competencies may be met by selecting courses P.E. 110 through P.E. 119.

Physical Education majors satisfy this requirement by taking P.E. 210 and P.E. 211, Skills and Techniques.

Mathematics—Students who do not perform satisfactorily on the mathematics placement tests are enrolled in a mathematics course that includes remediation.

Foreign Language—Students taking the test in French will be placed, according to their scores, in French 131, 132, or 231. It is recommended that students who are placed in French 231-232 take French 333-334 in order to have twelve hours of college French. Students taking the test in other foreign languages will follow the same procedures as those required in French.

English—All entering freshman students and transfer students who have not completed at least six hours of credit in English composition must take the Master Pre-Test in English and Communication Skills. Test scores from this placement test are used to determine the entry level of each student in English 190, the composition course. The student will then complete the number of minicourses necessary to receive appropriate credit for the general education requirement in English composition. (See course description for English 190 in Humanities Division.)

English Proficiency

The University requirement of demonstrated English proficiency must be met by achieving a grade of **C** or better in English 190, the required composition course.

Foreign Language Requirement

Majors in all departments, with the exception of the ones indicated below, are required to take two years of foreign languages (twelve hours in **one** language, distributed as 131, 132, 231, and 232).

- Exceptions:**
1. Students majoring in economics and business administration, music-business administration, intermediate education, early childhood education, and physical education are not required to take a foreign language.
 2. Students majoring in music education are required to take one year of French or the equivalent.
 3. Students majoring in mathematics or biology, are required to take one full year of foreign language or the equivalent.

Exemption from Physical Education Activities

Each student is required to participate in the University physical education program. To be exempted from physical education activities for medical reasons, the student must secure a permanent excuse from the University physician. This excuse must be placed on file in the Registrar's Office. **VETERANS ARE EXEMPTED FROM PHYSICAL EDUCATION ACTIVITIES.**

MAJOR PROGRAM

Students may concentrate in any one of four divisions and may major in the following subjects: biology, business administration, chemistry, communication arts, computer science, early child-

hood education, economics, English, history, intermediate education, mathematics, mathematics-physics, music-business administration, music education, physical education, political science, psychology, social work, and sociology.

Subjects are arranged under the following four divisions:

Division I: **The Humanities**—communication arts, English, French, music, philosophy, religion, Spanish, art

Division II: **The Social Sciences**—business administration and economics, history, political science, social work, sociology

Division III: **Education, Physical Education and Health, and Psychology**—education (early childhood education, intermediate education, and secondary education), geography, health, physical education, psychology.

Division IV: **Mathematics and Sciences**—biology, chemistry, computer science, mathematics, physics

Application for Major

It is recommended that students apply for a major not later than the end of the FALL SEMESTER of the sophomore year. As a result, department heads will have adequate time and opportunities to observe and to advise the students while there is enough time to make necessary program adjustments. This plan enables students to find major areas that are most profitable for them. Duplicate forms for applying for the major may be obtained from the Office of the Registrar. When the major is approved, the department head retains a copy of the application and submits the other to the registrar.

Changing of Major

A student may change a major by obtaining the proper forms from the Registrar's Office and having them approved by the department head. One copy remains in the department and the other is filed in the Registrar's Office.

Degrees

The University administers four years of work leading to the degree of Bachelor of Arts, Bachelor of Science, or Bachelor of Social Work.

Degrees with Honors

To be graduated **cum laude**, a student must have spent at least two years in residence at the University and must have earned an average of 3.0 to 3.49.

To be graduated **magna cum laude**, a student must have spent three years in residence at the University, must have earned an average of 3.5 to 3.69, and must have no grade below **C**.

To be graduated **summa cum laude**, a student must have spent at least three years in residence at the University, must have earned an average of 3.7 to 4.0, and must have no grade below **C**.

Graduation

General Requirements: Candidates for the bachelor's degree must complete at least 120 hours,* must earn a minimum overall grade point average of 2.0, must earn a minimum grade of **C** in any course that counts toward the major, and must satisfy all requirements of the curricula in the general education program.

Catalog Requirement: Graduation will be governed by the catalog under which a student first enrolls in the institution and graduates within a period of five years. Otherwise, current requirements must be met after that period of time. This regulation will be subject to such additional conditions that may be established by decisions of the Educational Policies Committee and approved by the University Administration.

Residence Requirements: The minimum residence requirement for the bachelor's degree is that the last 30 of the 120 semester hours required must be earned at Johnson C. Smith University.

Exception to this requirement may be made when approved by the Vice President for Academic Affairs, major adviser, department offering course or courses in question, and the President.

SUMMER SCHOOL

Admission

The Johnson C. Smith University Summer School is open to all persons who are eligible in at least one of the following categories:

1. Persons desiring to take college courses for self-improvement
2. Students completing requirements for degrees at other colleges (Statements of approval from a designated official must be presented if credit is to be transferred.)
3. Students completing requirements for degrees at Johnson C. Smith
4. High school graduates intending to pursue a degree at Johnson C. Smith or another institution (These persons must apply for admission to the regular University program through the Office of Admissions at Johnson C. Smith or the institution to which the credit will be transferred.)
5. Inservice teachers who desire to upgrade, to renew, or to convert their certificates for early childhood education (K-3), intermediate (4-9), or secondary education
6. Veterans eligible under Public Law No. 91-219 of the Congress of the United States to take training in an approved institution (Johnson C. Smith is certified by the Veterans' Administration to provide training.)

Applications for admission may be obtained by writing to the director of Summer School.

Fees

TUITION for all students is \$300.00* for a normal load of six credit hours. An additional charge of \$50.00* per credit hour will be made for any hours that exceed the normal load. Students who wish to take more than the normal load of six credit hours must consult the director of Summer School.

The fee for ROOM AND BOARD is \$169.75.* This fee will cover room rent, three meals per day, bed linen, and two towels per week. No deposit is required. Students desiring room and board facilities should file an application with the director of student life programs.

All fees are due and payable on the day of registration. Fees are not refundable after the first week of each session. No exception to this regulation will be made for illness.

A late registration fee of \$5.00* will be charged after the first day of each session. NOTE: Late registration fees for veterans will not be paid by the Veterans' Administration. The veteran is personally responsible for late registration fees, payable in advance.

Financial Aid

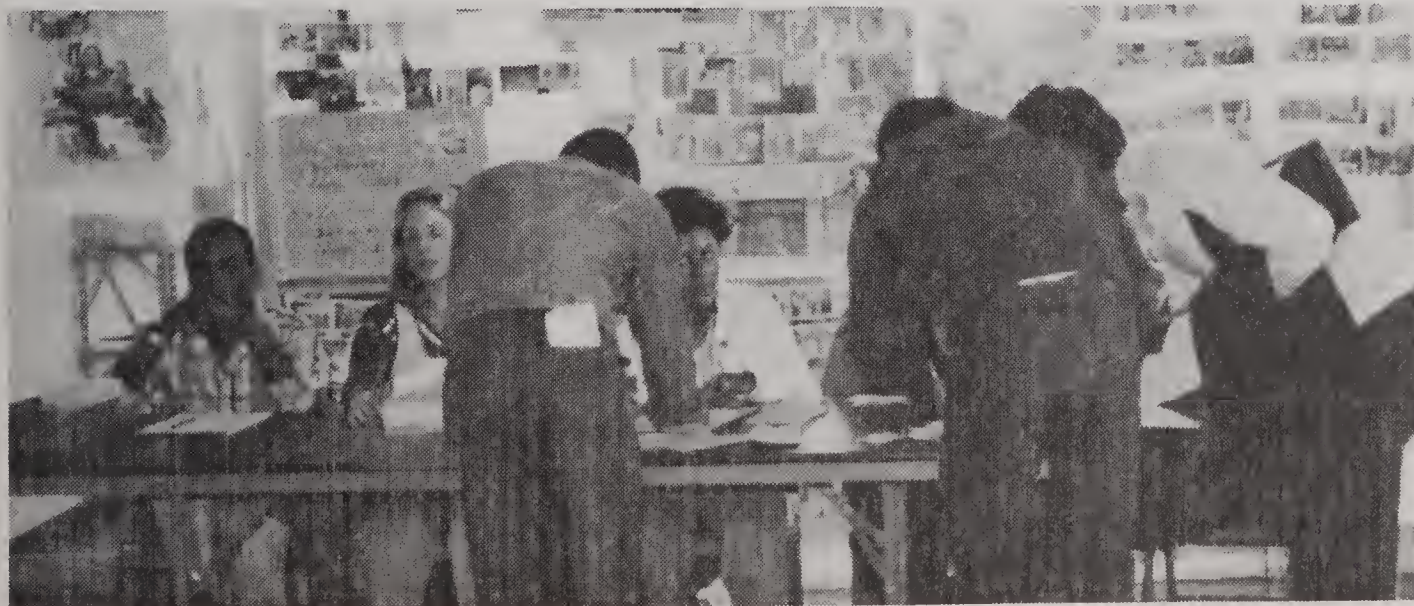
National Direct Student Loans are available for summer study. For information, write to the following address:

Office of Financial Aid
Johnson C. Smith University
Charlotte, North Carolina 28216

Course Offerings and Faculty Selection

Summer School courses are offered in most departments, depending upon demand. The Summer School faculty is usually composed of members from the regular faculty. Because of their special expertise, faculty members from other institutions are sometimes invited to join the Summer School faculty.

**Subject to change.*



COURSE DESCRIPTIONS

System of Course Numbers

The number of each course has three digits. The first digit indicates the classification level. The second digit indicates the number of credit hours. The third digit merely distinguishes the course from other courses in the classification and credit bracket of the department. Some courses have a middle digit of **8** or **9**. The **8** indicates a two-credit course, and the **9** indicates a three-credit course.

Hyphenated courses are regarded as year courses and must be taken in sequence. Courses marked with an unexplained asterisk (*) are required for teacher certification. Courses marked with an unexplained dagger (†) may be used as general education requirements.

DIVISION I: THE HUMANITIES

The Division of Humanities includes four departments: Communication Arts, English, Foreign Languages, and Music. Majors and/or minors are offered in all these departments. Philosophy and religion courses are included in the Department of English.

Humanities

HUMANITIES 390 African Literature and Culture Seminar Three credit hours

An interdisciplinary seminar in African literature, history, religion, art, and music. Members of the staff and guest lecturers, writers, and artists of national and international acclaim to be included in the program. Open to students in the Honors Program, juniors, and seniors. (See English 390, Philosophy 390, and Religion 390.)

HUMANITIES 490 Senior Humanities Seminar Three credit hours

An interdisciplinary seminar for majors in the humanities and in other related fields. A dialogue course designed to provide the opportunity for students to select a topic to be studied from the various perspectives of the humanities. Methods of instruction: independent research, seminar discussion, team teaching, visiting lecturers. Prerequisite: senior standing and permission of staff. (See English 490, Philosophy 490, and Religion 490.) **SPRING SEMESTER.**

DEPARTMENT OF COMMUNICATION ARTS

The Department of Communication Arts meets today's increasing demand for graduates trained in media. Television and radio stations, newspapers, and performing arts groups are seeking graduates trained to serve as technicians, reporters, broadcasters, photographers, and other persons skilled in communication arts.

The area of mass media today has a greater impact upon the educational and cultural development of American society than

any other single force. Its future vistas are unlimited. Presently, it is the most effective means of connecting the learner with the available knowledge of the world.

The Department of Communication Arts has the following goals: first, to render service to society and the local community by training students to be highly competent in various areas of mass media; second, to maintain a reciprocal relationship between Johnson C. Smith University and local radio, television, and newspaper establishments; third, to provide new job opportunities and to discover new talents in students; and fourth, to help students to develop positive self-images by the accomplishment of work well done and by society's acceptance of worthy contributions.

NOTE: Students in cooperative programs receive practical experience in mass media while establishments provide internships and use of their facilities.

Through the major program, the Department of Communication Arts hopes to attain the following educational objectives: to acquaint the student with the expanding possibilities of the media as art, to offer the student the opportunity for adequate self-expression in at least one medium, to provide the student with practical experience in the campus media, and to provide the student with opportunities for acquiring expanded experience and training in the professional media of Charlotte.

The major in communication arts consists of thirty-nine credit hours elected from the areas of communications, drama, journalism, and speech, including the following required courses: Speech 131 (can be used to fulfill general education requirement), Speech 132, Journalism 231, Drama, 232, and Communications 430.

A minor in communication arts consists of eighteen credit hours elected from the areas of communications, drama, journalism, and speech, chosen by the student under the guidance of major and minor advisors. Speech 131 and Speech 132 are required, but courses taken to complete the minor exclude hours taken to fulfill general education requirements.

All courses taken to satisfy major or minor requirements must be passed with a grade of **C** or above.

COMMUNICATIONS

COMMUNICATIONS 231 Introduction to Radio I Three credit hours

History of radio. Writing, producing, directing, and announcing various types of radio programs.

COMMUNICATIONS 232 Introduction to Radio II Three credit hours

News analysis, news interviews, writing and announcing. Remote broadcasts, sports events, the discussion program. Prerequisite: Communications 231.

COMMUNICATIONS 234 Scriptwriting Three credit hours

Instruction and practice in writing for the media.

COMMUNICATIONS 291 Introduction to Television I Three credit hours

Techniques of television. Producing, directing, writing, and announcing. Includes commercials, news, and documentaries.

- COMMUNICATIONS 292 Introduction to Television II** **Three credit hours**
Techniques of television. Producing, directing, writing, and announcing. Includes news, documentaries, interviews, and dramas. Prerequisite: Communications 291.
- COMMUNICATIONS 330 Creative Expression in the Media** **Three credit hours**
Exploration of the various art forms as modes of creative expression.
- COMMUNICATIONS 331 Filmmaking** **Three credit hours**
Practice in selection of subject matter, camera techniques, and editing for the short film.
- COMMUNICATIONS 332 Film Criticism** **Three credit hours**
Study of the film as an art form. Viewing and criticism of short and longer subjects. Emphasis on contemporary film.
- COMMUNICATIONS 333 Photography** **Three credit hours**
Camera and darkroom techniques.
- COMMUNICATIONS 338 Literature and Media for Adolescents** **Three credit hours**
A study of literature and media for adolescents. Open to students of intermediate and secondary education, as well as to inservice teachers. (Same as English 338.)
- COMMUNICATIONS 430 Seminar in Mass Media** **Three credit hours**
A requirement for senior majors in communication arts.
- COMMUNICATIONS 433-434 Media Apprenticeship** **Three credit hours**
Practical experience in the professional media. Open only to seniors majoring in communication arts.

DRAMA

- DRAMA 232 Introduction to Drama and the Film** **Three credit hours**
A comprehensive survey of history and theory of the theatre from classical to modern times. Examination of the film as art. Required of communication arts majors.
- DRAMA 233 Principles of Theatre Arts** **Three credit hours**
A survey of theatre arts designed for developing critical skills in reading plays with relationship to the development of the traditional elements of drama. Includes fundamental principles of acting. Special emphasis on black dramatists.
- DRAMA 333-334 Drama Workshop** **Three credit hours**
A practical course in the staging of plays. Attention given to acting, lighting, costuming, make-up, scene design, and other aspects of the art. Lecture and workshop. Open to all students interested in dramatics. (Though the course may be taken for as many semesters as the student desires, credit will be given only for two semesters' work.)
- DRAMA 339 Shakespeare** **Three credit hours**
A study of at least twelve of the plays (eight in detail). (Same as English 339.)
- DRAMA 430 Drama Apprenticeship** **Three credit hours**
Practical experience in professional drama. Open only to seniors majoring in communication arts.

DRAMA 433 Modern Drama**Three credit hours**

Extensive reading and study in representative works of modern European and American dramatists. Attention given to purpose, theme, and techniques. (Same as English 433.)

JOURNALISM**JOURNALISM 231 Introduction to Journalism and the Mass Media****Three credit hours**

Emphasis on the function of the journalist in a democracy. An investigation of contemporary newspapers and other communications media, including radio and television. Required of communication arts majors.

JOURNALISM 232 News Writing**Three credit hours**

Basic techniques of writing the news story.

JOURNALISM 233 Feature Writing**Three credit hours**

An introduction to the fundamentals of feature writing and the examination of newspaper and periodical features.

JOURNALISM 234 Magazine and Newspaper Production Three credit hours

Techniques of newspaper and magazine composition and advertising graphics.

JOURNALISM 330 The Afro-American Press**Three credit hours**

A comprehensive history of the Afro-American Press and an examination of black newspapers.

JOURNALISM 331-332 Reporting**Three credit hours**

Development of sound news judgment. Practice in various methods of searching the news and in techniques of reporting it. Journalism 232: a prerequisite of 331; Journalism 331: a prerequisite of 332.

JOURNALISM 334 Photojournalism**Three credit hours**

Techniques of reporting news stories through the medium of the still camera. Prerequisite: Communications 333.

JOURNALISM 433-434 Journalism Workshop**Three credit hours**

Practical application of techniques of journalism to the operation and production of the student newspaper.

SPEECH**SPEECH 131-132 Fundamentals of Speech****Three credit hours**

FALL SEMESTER: consideration of the nature of oral communication. Training in articulation, pronunciation, and vocabulary. SPRING SEMESTER: more intensive training in organization of ideas and instruction in the principles of preparing and presenting effective public messages. Emphasis on types of speeches. Required of communication arts majors.

SPEECH 230 Fundamentals of Oral Interpretation**Three credit hours**

Emphasis on understanding literature through the study of meaning, mood, imagery, and theme. Analysis and development of techniques in presentation.

- SPEECH 232**

Theory and Practice of Persuasion

Three credit hours

Consideration of principles, processes, and methods of persuasion with practice in the preparation and delivery of various types of persuasive speeches. Includes critical and creative problems in both oral and written forms.
- SPEECH 330**

Speaking in the Professions

Three credit hours

Practice in preparing and presenting various types of speeches expected of professional people and in planning and conducting public discussions. Practice in parliamentary procedure.
- SPEECH 331**

Rhetoric of the Black Revolution

Three credit hours

An examination of public discourse as it affects and reflects the process of dynamic social change. A consideration of historical and contemporary instances of rhetorical processes.
- SPEECH 332**

Propaganda

Three credit hours

An examination of the theories and an analysis of the techniques of propaganda.
- SPEECH 430**

Psychology of Speech

Three credit hours

The psychological principles involved in oral communication and their application to special individual and group problems. (Same as Psychology 430.) SPRING SEMESTER.
- SPEECH 431**

Speech Seminar

Three credit hours

Topic to be announced. Open to seniors majoring in communication arts.

CURRICULUM FOR COMMUNICATION ARTS MAJORS

Freshman Year		Sophomore Year	
	Credit Hours		Credit Hours
English 190	6	World Literature 231-232	6
Foreign Language 131-132	6	Physical Science	4
Mathematics 131-132	6	Biological Science	4
Social Science	6	Social Science	6
Speech 131-132	6	Philosophy or Religion	3
Personal Hygiene	2	Art	3
Physical Education	1	Music	3
	—	Physical Education	1
	33		—
			30
Junior Year		Senior Year	
Journalism 231	3	Communications 430	3
Drama 232	3	Electives in Major	6
Electives in Major	18	Free Electives	15- 21
Free Electives	6		—
	—		24- 30
	24	Total number of credits:	120-123

ART COURSES

ART 130 Basic Design

Three credit hours

A course designed to acquaint students with the principles of draftsmanship, color scheme variables, and principles of their application. Materials to be explored in this course: collage techniques, matting, acrylic and water color painting, various uses of charcoal, linoleum block printing, basic sculptural forms, and oil painting.

ART 131 Ceramics

Three credit hours

An introduction to methods in making pottery and glaze materials. Includes use of the potter's wheel and the kiln.

ART 133 Introduction to Drawing and Painting

Three credit hours

Emphasis on understanding form, line linear organization, color harmony, and physical properties of pigment (oil, acrylic, and gauche). Affords students an opportunity to explore the use of charcoal, Conte crayon, oil colors, acrylic color, and methods of canvas preparation and framing.

ART 134 Afro-American Art History

Three credit hours

A supplement to regular mainstream approaches in teaching American art history. Acquaints students with the distinguished creative output of persons of Afro-American backgrounds. Examines some two hundred years of black creative efforts.

ART 230 Art for the Elementary School

Three credit hours

A discussion of skills which will facilitate art work in the elementary school. Emphasis on developing creative ability. Two two-hour class meetings each week.

ART 231 Art Appreciation

Three credit hours

Appreciation for the beauty of architecture, painting, sculpture, pottery, and textiles. Two one-hour lecture periods and one two-hour laboratory period each week.

ART 232 History of Art Survey

Three credit hours

A survey of major arts and the influence of the historical past on the concepts and forms of contemporary creative endeavor. Prehistoric through early Gothic; late Gothic through Renaissance to Baroque.

ART 233 Introduction to Traditional African Art

Three credit hours

An introductory survey of traditional African art, emphasizing its etiological roots and its social context, as well as its aesthetic aspects. One major research paper to be assigned.

DEPARTMENT OF ENGLISH

The Department of English seeks to accomplish the following aims: first, to develop in students an adequacy in the skills of effective writing, speaking, listening, and reading; second, to emphasize the importance of a mastery of the tools of communication for achievement in all phases of living; third, to acquaint students with many of the literary masterpieces of the world, together with principles of evaluating them; fourth, to encourage students in the cultivation of a genuine appreciation for literature; fifth, to provide specialized and intensive study in English and American literature, as well as in the English language, for students who desire to pursue careers in the teaching of English or in letters.

The Department of English offers a major program, an English education major, and a minor program.

The major program, consisting of a minimum of thirty credit hours above the sophomore literature requirement, includes courses in English and American literature, language, criticism, and writing. The following courses are required: English 333-334 or 335-336, English 339, English 491, and one of the following: English 330 or English 430. Other courses should be elected to assure acceptable distribution over the entire field of English language and literature. The major program prepares the student for graduate study and for literary professions.

The English education major, consisting of a minimum of twenty-four credit hours above the sophomore literature requirement, includes the basic courses of the major program and the courses in education and psychology as prescribed by the Teacher Education Program. Where feasible, the English education major should secure at least fifteen credits in a second teaching field. The English Education Program prepares the student to teach in the secondary school.

A minor in English consists of eighteen credit hours in English above the sophomore literature requirement.

The following courses are required for the English major and the English education major: English 333-334 or English 335-336, English 339, English 330 or 430, and English 491 or 493. English 338 is highly recommended.

Majors and minors in English will not be given credit for courses in English in which they earn grades below **C**.

TEACHER CERTIFICATION

Students who choose English as a first teaching field are required to follow the curriculum prescribed for prospective teachers of English and to maintain the 2.2 accumulative grade point average required for admission to the Teacher Education Program. No course grade earned in English may be lower than **C**.

LANGUAGE AND WRITING

ENGLISH 131-132 Doorways to Reading and Language Skills

Three credit hours each

Courses in reading and language skills designed for students whose entrance tests indicate a need for intensive review of these skills. Instruction: five hours per week by a teacher of reading and a teacher of English. Programmed materials and laboratory techniques for individualized instruction.

ENGLISH 133-134 English for Foreign Students **Three credit hours each**

A study of the grammar, structure, phonology, and syntax of the English language. Special emphasis on oral and written expression of American English.

ENGLISH 190 A-B† Doorways to Composition Skills **Three credit hours each**

A study of composition consisting of four minicourses, including the forms of discourse, the application process, the research paper, and the study of rhetoric.

NOTE: Instruction begins with the minicourse appropriate to the individual student's needs, as indicated by the performance on the placement test. After the completion of four minicourses, or their equivalence, the student exits from the course.

The student who averages a grade less than **C** for performance in a minicourse, or in any portion of it, receives a grade of **I** for the minicourse. Upon satisfactory completion of such work, the student will be assigned a grade of **C**, **B**, or **A**, in keeping with the performance.

ENGLISH 233 Creative Writing

Three credit hours

Study of theory and techniques of the short story, the essay, the novel, and poetry. Individual experimentation in the various genres. Enrollment with prior consent of instructor.

ENGLISH 234 Advanced Composition

Three credit hours

Use of literature as a basis for writing themes and developing oral and written communication skills. Emphasis on specialized kinds of writing. Review of the business letter and English fundamentals. Mastery of the techniques of research, using the *MLA Style Sheet* as a guide. Recommended for all students who wish to increase their proficiency in oral and written composition.

ENGLISH 491* The English Language

Three credit hours

A study of the principles of language study, with special attention to the historical and linguistic forces which have affected the development of the English language.

ENGLISH 493* Modern English Grammar

Three credit hours

Rapid review of traditional grammar and current usage problems, followed by a descriptive analysis of the structure of present-day English in the light of recent research in linguistics.

LITERATURE

ENGLISH 231-232† World Literature

Three credit hours each

An in-depth study of selected literary masterpieces primarily of Western civilization. Attention to major works of other cultures.

NOTE: The chronology of periods and literary movements will be observed wherever feasible; the two halves of the course must be taken in sequence.

ENGLISH 235† Introduction to Fiction **Three credit hours**

A brief historical survey of the development of short fiction in the Western world. Use of representative works to illustrate some major advances in the techniques of short story and short novel composition by European and American writers during the past century and a half. (May substitute for English 232.)

ENGLISH 330 Chaucer **Three credit hours**

Detailed study of the "Canterbury Tales" and "Troilus and Criseyde." Attention to Middle English and medieval culture. Study of changing critical approaches to Chaucer.

ENGLISH 333-334 English Literature **Three credit hours each**

A survey of English literature from Beowulf to selected works of the present time. Offered in alternate years.

ENGLISH 335-336 American Literature **Three credit hours each**

A survey of American literature from selected works of the Colonial Period to selected works of the present time. Offered in alternate years.

ENGLISH 337 The Modern Novel **Three credit hours**

A study of representative novels of the twentieth century.

ENGLISH 339 Shakespeare **Three credit hours**

A study of at least twelve of the plays (eight in detail). (Same as Drama 339.)

ENGLISH 390 African Literature and Culture Seminar **Three credit hours**

The English seminar in the humanities. (See Humanities 390.)

ENGLISH 395 Honors Seminar **Three credit hours**

A seminar for majors who are pursuing departmental honors in English. Thematically organized course. Provides an opportunity for students to study a selected topic by means of independent research and seminar discussions.

ENGLISH 430 Milton **Three credit hours**

Selected prose and all of the English poems.

ENGLISH 431 English Literature of the Restoration and the Eighteenth Century **Three credit hours**

A study of English literature from the Restoration to 1798.

ENGLISH 433 Modern Drama **Three credit hours**

Extensive reading and study in the works of representative modern European and American dramatists. Attention to purpose, theme, and techniques. (Same as Drama 433.)

ENGLISH 435 Studies in Romantic Literature **Three credit hours**

A detailed study of the Romantic Movement, including the major English poets—Blake, Wordsworth, Coleridge, Byron, Shelley, Keats—and a broad understanding of the significant prose of the period.

ENGLISH 436 Studies in Victorian Literature **Three credit hours**

A study of the major post-Romantic poets. Varying choice of subject matter from year to year.

- ENGLISH 437 Contemporary Literature** **Three credit hours**
 Study of outstanding figures of British and American literature from 1914 to the present. Varying choice of authors and subjects from year to year.
- ENGLISH 438† Black Literature in Modern America** **Three credit hours**
 A study of key writers associated with Black Nationalism and the Black Arts Movement. Varying subject matter from year to year.
- ENGLISH 439 Principles of Literary Criticism** **Three credit hours**
 Review of the history of Western criticism, study of developments in literary theory, guided experiences with practical criticism.
- ENGLISH 490 Senior Seminar** **Three credit hours**
 (See Humanities 490: Senior Humanities Seminar.)
- ENGLISH 494 Afro-American Literature: 1920 to the Present** **Three credit hours**
 A study of the literature of the period and its historical, cultural, and aesthetic perspectives. Open to inservice teachers, juniors, and seniors.
- ENGLISH 495 Honors Seminar** **Three credit hours**
 A seminar for senior majors who are pursuing departmental honors in English. Advanced research and discussion of selected topics in literature and related areas. Open to juniors upon recommendation of adviser.
- ENGLISH 499 Independent Study** **One to six credit hours**
 A planned and structured project cooperatively defined by student and faculty. Student permitted to contract to complete work in the areas of language, writing, or literature. Enrollment: one, two, or three hours according to the scope of work to be completed. May be taken again for three additional hours of credit. Open to majors and to English education majors.

THE TEACHING OF ENGLISH

- ENGLISH 338 Literature and Media for Adolescents** **Three credit hours**
 A study of literature and media for adolescents. Open to students of intermediate and secondary education, as well as to inservice teachers. (Same as Communications 338.)
- ENGLISH 429 The Teaching of English** **Two credit hours**
 A study of philosophy, materials, and techniques used in teaching language, literature, and composition in grades 7-12.

ENGLISH HONORS PROGRAM

The purpose of the English Honors Program is to provide an environment in which academically gifted English majors can utilize their full learning potential. The program is designed to stimulate Honors English majors to think and to work independently. Students will also be encouraged to pursue further intellectual and career developments after graduating from Johnson C. Smith.

The English Honors Program adds another dimension to the University Honors Program by enabling honors students with an interest in English to continue honors work begun in their fresh-

man and sophomore years. It also gives English students who are not in the Honors Program an opportunity to develop their full potentiality in their area of special interest.

Requirements for Admittance into the Program

In order to qualify for the English Honors Program, prospective English majors must have a minimum grade of **B** in their freshman and sophomore English courses. Students with a 2.75 average in freshman and sophomore work may be considered for the program if they exhibit potential and seem highly motivated. Such students must have letters of recommendation from at least two of their English professors. It will be left to the discretion of the English Honors Committee whether or not students with a 2.75 average should be admitted into the program.

Students who are interested in the program are required to meet with the English Honors Committee to have the program fully explained and to discuss with the committee their reasons for wanting to participate in the Honors Program.

Kinds of English Honors Courses

The English Honors Program consists of two kinds of honors courses:

1. **In-course honors**, consisting of both English honors students and regular students

Requirements include at least twelve credits of in-course honors work.

Students may choose the courses in which they wish to do honors work, provided the professor teaching the course agrees.

In-course honors work will consist of the following:

- a. More extensive independent research
- b. Required reports in which the findings of the independent research will be presented to the class as a whole
- c. More extensive and in-depth term projects

In-course honors will give the student an opportunity not only to do more independent research but also to gain practical experience in the classroom setting. Moreover, the other students will benefit from the work of the honors student.

2. **Honors seminars**, consisting of English honors students exclusively

Requirements include two honors seminars. One seminar is offered in the first semester of the junior year; another is available in the first semester of the senior year.

Honors seminars will be taught on a rotating basis so that students will be exposed to various members of the English faculty. In some cases, more than one professor might be involved in teaching the honors seminar. The topics will vary from year to year, depending upon the career goals of the honors students.

CURRICULUM FOR ENGLISH MAJORS
Freshman Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
English 190	3	English 190	3
Foreign Language 131	3	Foreign Language 132	3
Music 131	3	Art 231	3
Mathematics 131 or 141	3- 4	Mathematics 132	3
Physical Education 110	1	Physical Education 111	1
Biology 140	4	Physical Science 141	4
<hr/>		<hr/>	
17-18		17	

Sophomore Year

Fall Semester		Spring Semester	
English 231	3	English 232	3
Foreign Language 231	3	Foreign Language 232	3
Religion 130	3	Religion 131	3
History 131	3	History 132	3
Speech 131	3	English 233 or 234	3
Physical Education 121	2	<hr/>	
<hr/>		15	
17			

Junior Year

Fall Semester		Spring Semester	
English 333 or 335	3	English 334 or 336	3
English 330 or 430	3	English 339	3
English 439	3	English 491 or 493	3
English 395 or 438	3	Philosophy 231 or 233	3
Psychology 131	3	Elective	3
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15		15	

Senior Year

Fall Semester		Spring Semester	
English 431 or 435	3	English 436 or 437	3
English 490 or 495	3	English 337 or 433	3
Electives	9	Education 330	3
<hr/>		Electives	6
15		<hr/>	
		15	

CURRICULUM FOR ENGLISH EDUCATION MAJORS
Freshman Year

Fall Semester		Spring Semester	
English 190	3	English 190	3
Foreign Language 131	3	Foreign Language 132	3
Music 131	3	Art 231	3
Mathematics 131 or 141	3- 4	Mathematics 132	3
Physical Education 110	1	Physical Education 111	1
Biology 140	4	Physical Science 141	4
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17-18		17	

Sophomore Year

Fall Semester		Spring Semester	
English 231	3	English 232	3
Foreign Language 231	3	Foreign Language 232	3
Religion 130	3	Religion 131	3
History 131	3	History 132	3
Speech 131	3	English 233 or 234	3
<hr/>		<hr/>	
15		15	

Junior Year

Fall Semester		Spring Semester	
English 333 or 335	3	English 334 or 336	3
English 439	3	English 339	3
English 338 or 438	3	English 491 or 493	3
Education 233	3	English 429	2
Education 221	2	Psychology 237 or 239	3
Education 330	3	Education 222	2
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17		16	

Senior Year

Fall Semester		Spring Semester	
English 330 or 430	3	Education 462	6
English 337 or 433	3	<hr/>	
English 435 or 437	3	6	
Education 236	3		
Physical Education 226	2		
Elective	3		
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17			

REQUIRED COURSES FOR ENGLISH MINORS

English 233 or 234	3
English 333-334 or 335-336	6
English 339	3
English 437 or 494	3
English 491 or 493	3
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18	

PHILOSOPHY AND RELIGION COURSES

PHILOSOPHY

Philosophy courses serve as electives in a wide variety of subjects for students in other disciplines who wish to broaden their intellectual perspectives. An asterisk (*) identifies those elective courses that are designed for all interested students. A double asterisk (**) identifies courses designed especially for students in mathematics and the sciences. Philosophy courses that also serve as general education courses are indicated by a dagger (†) after the course number.

NOTE: A major in philosophy and religion has been discontinued. All students currently enrolled in these disciplines will be allowed to continue until they have fulfilled the requirements for the degree.

PHILOSOPHY 131*† Introduction to Philosophy Three credit hours

A course introducing the student to the reading and doing of philosophy. Discussion of methods of philosophical inquiry and representative philosophical concepts. FALL and SPRING SEMESTERS.

PHILOSOPHY 231* Ancient Philosophy Three credit hours

The history of philosophical thought in the Greco-Roman world from the Ionians to the Roman Stoics. Prerequisite: Philosophy 131. FALL and SPRING SEMESTERS.

PHILOSOPHY 233*† Practical Logic Three credit hours

A survey of the basic problems of clear and straight thinking with emphasis on their application to the use of language. Prerequisite: Philosophy 131. FALL and SPRING SEMESTERS.

PHILOSOPHY 234*† Ethics Three credit hours

A study of basic methods and selected systems of ethical thinking discussed in terms of their relevance to present-day moral issues facing both individuals and society. Prerequisite: Philosophy 131. FALL and SPRING SEMESTERS.

PHILOSOPHY 239 Introduction to Formal Logic and Scientific Method Three credit hours**

A presentation of significant aspects of symbolic and mathematical logic, along with general reference to traditional logic. Prerequisite: Philosophy 131. FALL SEMESTER.

PHILOSOPHY 331* Modern Philosophy Three credit hours

The history of the philosophical thought from the Renaissance to the present time. Prerequisite: Philosophy 231 or permission of the instructor. Alternate years. SPRING SEMESTER.

PHILOSOPHY 333* Philosophy of Religion Three credit hours

A philosophical investigation of such topics as faith and reason, religious language, nature and existence of God, religious view of man. Prerequisite: permission of the instructor. (Same as Religion 333.) Alternate years. SPRING SEMESTER.

PHILOSOPHY 334* Mysticism in the Western World Three credit hours

A study of the great mystics in the West, from pre-Christian Greece through the medieval Age of Faith to Protestant, Catholic, and contemporary non-religious mystics, including various debatable claims regarding "mystical" experience. Prerequisite: permission of the instructor. Alternate years. SPRING SEMESTER.

PHILOSOPHY 336 Philosophy of Science Three credit hours**

The general nature of scientific thought as indicated by the criteria of knowledge, methods, and presuppositions of science. Prerequisite: Philosophy 239 or permission of the instructor. Alternate years. SPRING SEMESTER.

PHILOSOPHY 390 African Literature and Culture Seminar Three credit hours

The philosophy seminar in the humanities. (See Humanities 390.)

PHILOSOPHY 432 Seminar in Philosophy Three credit hours

Advanced research on selected philosophical topics. Prerequisite: permission of the instructor. SPRING SEMESTER.

PHILOSOPHY 490 Philosophy Seminar in the Humanities Three credit hours

(Same as Humanities 490: Senior Humanities Seminar.)

RELIGION

The religion courses provide the opportunity for learning experiences in the following content areas: the Judeo-Christian tradition, including Biblical literature, church history, Afro-American perspectives; the African influence; other major religious traditions in the contemporary world; methods and procedures in Christian education and worship.

NOTE: A major in philosophy and religion has been discontinued. All students currently enrolled in these disciplines will be allowed to continue until they have fulfilled the requirements. Each religion course consists of three credit hours with the exception of 220, 221, and 222. Religion courses that serve to meet general education requirements are indicated by a dagger (†) after the course number.

RELIGION 130† The Judeo-Christian Heritage Three credit hours

The essential insights and ideas of the Old and New Testaments and their continuing values for man today. FALL and SPRING SEMESTERS.

RELIGION 131† Survey of the Great Living Religions Three credit hours

A study of the living religions of the world, including the religions of Africa, in the light of their historical development, beliefs, practices, and contemporary importance. FALL and SPRING SEMESTERS.

RELIGION 220 Worship Two credit hours

A practical study of the objectives, methods, and materials for worship in the Christian Education Program of the local church. SPRING SEMESTER.

RELIGION 221 The Christian Education Program of the Church

Two credit hours

A thorough study of the organization and administration of an effective church program for adults, youth, and children. FALL SEMESTER.

RELIGION 222 Field Experience Two credit hours

Supervised field work in churches or church-related programs. May be repeated once for credit. To be taken in conjunction with Religion 220 and 221.

RELIGION 230 Early Hebrew Religion (to 586 B.C.) Three credit hours

An introduction to the historic, poetic, wisdom, and prophetic literature of the Hebrew people up to the Exile. Literature examined in its historical setting and for its value in the contemporary world. Alternate years. FALL SEMESTER.

RELIGION 231 Later Hebrew Religion (586 B.C. to 70 A.D.) Three credit hours

A continuation of Religion 230. A study of the development of the Hebrew religion and people into Judaism up to the destruction of Jerusalem. Consideration given to apocalyptic and extracanonical writings, as well as to the ancient roots of anti-Semitism. Alternate years. SPRING SEMESTER.

RELIGION 232 The Life and Teachings of Jesus Three credit hours

A study of the life and teachings of Jesus as found in the four Gospels and their relation to current problems. FALL SEMESTER.

RELIGION 233 The Pauline Tradition Three credit hours

The particular form of Christian thought, experience, and living portrayed in the life and writings of Paul as recorded in the Book of Acts and in the Pauline letters. Alternate years. SPRING SEMESTER.

RELIGION 234 The Later Books of the New Testament Three credit hours

The particular forms of Christian thought, experience, and living portrayed in those writings which come from the later years of the New Testament Period. Alternate years. SPRING SEMESTER.

RELIGION 235 The History of Christianity in Europe to the Seventeenth Century Three credit hours

The historical development of Christian thought and institutions in the Western world: the Early Church Fathers, the Medieval Churchmen, the Protestant Reformers, and European Christianity on the eve of the migrations to America. Alternate years. FALL SEMESTER.

RELIGION 236 The History of Christianity in America Three credit hours

A continuation of Religion 235. Major aspects of Christian thought and institutions in the United States, from colonial days to the present, with special reference to the development of the Afro-American churches. Alternate years. SPRING SEMESTER.

RELIGION 330 The Black Man: His Religious Institutions and Thought Three credit hours

A study of the Afro-American religious experience. Attention to its African antecedents, its development in dependence upon and independence of Euro-American Christianity, and the emerging critique of religion's relevance to culture. SPRING SEMESTER.

RELIGION 331 Recent Developments in Religious Experience Three credit hours

The relation of contemporary religious thought to the occult, witchcraft, astrology, communal living, ESP, drug scene, and new modes of communication. SPRING SEMESTER.

RELIGION 333 The Philosophy of Religion Three credit hours

A philosophical investigation of such topics as faith and reason, religious language, nature and existence of God, religious view of man. (Same as Philosophy 333.) Alternate years. SPRING SEMESTER.

RELIGION 334 The Psychology of Religion Three credit hours

A study of the psychological factors in religious experience and the dynamic patterns affecting religious adjustment and maladjustment. Special attention to the problems of sin, guilt, conversion, and religious beliefs. Prerequisite: permission of the instructor. Alternate years. (Same as Psychology 336.) FALL SEMESTER.

RELIGION 335 The Sociology of Religion Three credit hours

A functional analysis of the interrelationships involving society, culture, and religion. The role of the church and religion in the social order and social change. Alternate years. SPRING SEMESTER.

- RELIGION 336 Religious Dimensions in Art** **Three credit hours**
 New ways of finding sacred beauty in dance, jazz, film, words, painting, sculpture, and architecture. Alternate years. SPRING SEMESTER.
- RELIGION 390 African Literature and Culture Seminar** **Three credit hours**
 The religion seminar in the humanities. (See Humanities 390.)
- RELIGION 430 Seminar in Religion** **Three credit hours**
 Advanced research on selected topics in religion. SPRING SEMESTER.
- RELIGION 490 Religion Seminar in the Humanities** **Three credit hours**
 (Same as Humanities 490: Senior Humanities Seminar.)

DEPARTMENT OF FOREIGN LANGUAGES

The Department of Foreign Languages is committed to assist in providing an environment in which Johnson C. Smith University students may realize their individual potential as stated in the official purpose of the University. The department seeks to contribute to the student's intellectual, spiritual, social, and emotional growth by developing the communicative skills of understanding, speaking, reading, and writing a foreign language and by developing a knowledge and an understanding of a foreign culture.

Minors are offered in French and in Spanish. In addition to the objectives previously stated, students who minor in French or Spanish develop the ability to compare and to contrast cultures objectively and to acquire a knowledge of the civilization and literature of the target language.

Students who have studied two or more years of a foreign language in high school are required to take a placement examination in the language studied. According to their scores, students are placed in 131, 132, 231 or 232. Students who have not previously studied French or Spanish may enroll in either Elementary French 131 or Elementary Spanish 131.

FRENCH

A minor in French consists of fifteen credit hours beyond French 232, a total of twenty-seven credit hours or the equivalent.

- FRENCH 131 Elementary French** **Three credit hours**
 An introductory course in the audio-lingual skills of listening, speaking, reading, and writing.
- FRENCH 132 Elementary French** **Three credit hours**
 Further emphasis on the audio-lingual skills. Prerequisite: French 131.
- FRENCH 231 Intermediate French** **Three credit hours**
 Continued stress on reading and writing skills. Newspaper and magazine articles to be used as supplementary materials. Prerequisite: French 132.
- FRENCH 232 Intermediate French** **Three credit hours**
 Reading of selected literary works. Special study of grammatical structure. Prerequisite: French 231.

FRENCH 331 French Civilization Three credit hours

A series of minicourses conducted in French history, geography, art, music, architecture, film, theater, French-African literature, French for business and international affairs, and conversation. Prerequisite: French 232.

FRENCH 332 French Civilization Three credit hours

A continuation of French 331.

FRENCH 333 Advanced Studies in French Conversation, Grammar, and Composition Three credit hours

Instruction in French. Prerequisite: French 232.

FRENCH 334 French Phonetics Three credit hours

An intensive study in phonetics. Practical application of phonetics to modern standard French. Extensive oral exercises.

FRENCH 420 Materials and Methods of Teaching High School French Two credit hours

A six-week block course. SPRING SEMESTER.

FRENCH 430 French Linguistics Three credit hours

A study of the phonology, morphology, and syntax of the French language.

FRENCH 431 French Literature from the Origins Through the Renaissance Three credit hours

A study of the literature of France in its beginnings and development through the Middle Ages and the Renaissance. Conducted in French.

FRENCH 432 French Literature of the Seventeenth Century Three credit hours

A study of the masterpieces of the seventeenth century: the works of Corneille, Racine, Moliere, and La Fontaine. Conducted in French.

FRENCH 433 French Literature of the Eighteenth Century Three credit hours

A study of the significant writers and literary trends of the eighteenth century. Conducted in French.

FRENCH 434 French Literature of the Nineteenth Century Three credit hours

A study of the significant writers and literary trends of the nineteenth century. Conducted in French.

FRENCH 435 French Literature of the Twentieth Century Three credit hours

A study of the principal literary trends and significant writers since 1900. Conducted in French.

SPANISH

A minor in Spanish consists of fifteen credit hours beyond Spanish 232 or a total of twenty-seven credit hours.

SPANISH 131 Elementary Spanish Three credit hours

A course designed to develop the skills necessary for oral and written expression.

- SPANISH 132 Elementary Spanish** **Three credit hours**
Continued practice in the skills of oral and written expression. Prerequisite: Spanish 131.
- SPANISH 231 Intermediate Spanish** **Three credit hours**
Further practice in conversation and composition. Analysis of the basic grammatical principles. Prerequisite: Spanish 132.
- SPANISH 232 Intermediate Spanish** **Three credit hours**
Continued emphasis on spoken and written Spanish. Prerequisite: Spanish 231.
- SPANISH 331 Advanced Spanish Grammar, Composition, and Conversation** **Three credit hours**
Selected readings in Spanish and Latin-American literature. For students who desire intensive oral and written work in Spanish. Prerequisite: Spanish 232.
- SPANISH 332 Advanced Spanish Grammar, Composition, and Conversation** **Three credit hours**
Selected readings in Spanish and Latin-American literature. For students who desire intensive oral and written work in Spanish. Prerequisite: Spanish 331.
- SPANISH 333 Survey of Spanish and Spanish-American Literature to 1700** **Three credit hours**
Lectures, readings, discussions, and reports conducted in Spanish.
- SPANISH 334 Survey of Spanish and Spanish-American Literature Since 1700** **Three credit hours**
Lectures, readings, discussions, and reports conducted in Spanish. Prerequisite: Spanish 333.
- SPANISH 431 The Golden Age of Spanish Literature: The Most Important Works** **Three credit hours**
Lectures, readings, discussions, and reports. Includes masterpieces of the Golden Age. Conducted in Spanish. Prerequisite: Spanish 332.

DEPARTMENT OF MUSIC

The Department of Music has the following aims and objectives: first, to provide experiences contributing to the students' development as music creators, performers, and teachers; second, to lead students to an understanding of music as a means of universal and personal expression; third, to provide opportunities for students to experience many types and styles of music; fourth, to assist students with special talent and interest to prepare for further education and careers in music-related fields; fifth, to provide career offerings and musical experience for students other than those enrolled in the music major program; and sixth, to provide enrichment for the cultural life of Johnson C. Smith University and the community at large.

Students planning to enter either the music education program or the music-business administration program should begin the course of study in the freshman year.

Music education majors must demonstrate proficiency in a major performing medium by presenting a recital before graduation.

Music education majors must demonstrate proficiency in piano by passing a series of piano examinations.

Music education majors are expected to become affiliated with the Student Chapter 341 of the Music Educators National Conference.

Music education majors and minors are required to attend concerts and recitals presented by the department and to participate in ensembles during their study at the University.

THE MUSIC EDUCATION MAJOR

The Bachelor of Arts degree with a major in music education is designed for students who wish to be certified in public school music. The music education program prepares the student for the North Carolina **A** certificate for elementary and high school teaching. All music education majors are required to qualify for the North Carolina **A** certificate and they must complete the professional and certification courses as outlined by the Department of Education, including Education 462, Student Teaching in the Secondary Schools.

The student may select from two areas of preparation in music education, the Instrumental Program and the General Program. The student will demonstrate his competencies by completing forty-eight to fifty-three semester hours of study in music and music education.

THE MUSIC MINOR

A minor in music consists of twenty credit hours, including eight credit hours of theory, six credit hours of music history and literature, and six credit hours of approved electives.

Because of the competencies demanded of music education majors, they are not expected to complete a minor. However, the students who desire to study a minor field must plan to spend more than four years at this University.

MUSIC THEORY

MUSIC 132 The Fundamentals of Music Three credit hours

A review course in basic musicianship, including the fundamentals of music and music theory.

NOTE: Competencies adequate for entering Music 133-134 must be demonstrated.

MUSIC 133 Music Theory I Three credit hours

The integrated study of written theory and harmony, keyboard harmony, aural theory, analysis, and literature. Prerequisite: demonstration of competencies in Music 132.

- MUSIC 134 Music Theory II** **Three credit hours**
A continuation of areas begun in Music 133. Prerequisite: demonstration of competencies required in Music 133.
- MUSIC 233 Music Theory III** **Three credit hours**
The advanced integrated study of the materials and literature of music. Prerequisite: demonstration of competencies required in Music 134.
- MUSIC 234 Music Theory IV** **Three credit hours**
A continuation of areas begun in Music 233. Prerequisite: demonstration of competencies required in Music 233.
- MUSIC 322 Conducting** **Two credit hours**
A study of the technique of conducting instrumental and vocal groups.
- MUSIC 323 Orchestration** **Two credit hours**
A study of instruments of the orchestra, together with the practical study of the art of symphonic scoring.
- MUSIC 427 Form and Analysis** **Two credit hours**
A study of the small part-forms through the larger part-forms.

APPLIED MUSIC

Piano

- MUSIC 113-114 Piano (Individual)** **One credit hour**
Instruction to meet the needs of students at various stages of proficiency.
- MUSIC 213-214 Piano (Individual)** **One credit hour**
Additional technique and repertoire materials.
- MUSIC 313-314 Piano (Individual)** **One credit hour**
Continuation of advanced technique and literature.
- MUSIC 413-414 Piano (Individual)** **One credit hour**
Continuation of advanced technique and literature. Senior recital.
- MUSIC 423-424 Piano (Individual)** **Two credit hours**
Advanced study of technique and repertoire.

Organ

- MUSIC 117-118 Organ (Individual)** **One credit hour**
A course requiring students to demonstrate ability to play the piano fluently, to have a working knowledge of scales, triads, and arpeggios, and to sight-read accurately. Principles of organ touch and technique; preparatory manual and pedal studies; selected pieces from standard organ repertoire.
- MUSIC 217-218 Organ (Individual)** **One credit hour**
Advanced pedal and manual studies continued. Simple modulations at the organ; transpositions and improvisations; repertoire building continued.
- MUSIC 317-418 Organ (Individual)** **One credit hour**
Continuation of previous course.
- MUSIC 417-418 Organ (Individual)** **One credit hour**
Continuation of previous course.

Voice

MUSIC 115-116	Voice	One credit hour
Study and principles of voice production, examination and evaluation of solo materials, classification of voices. Prerequisite to advanced courses in voice.		
MUSIC 215-216	Voice (Individual)	One credit hour
Continuation of Voice 115-116.		
MUSIC 315-316	Voice (Individual)	One credit hour
Continuation of Voice 215-216.		
MUSIC 415-416	Voice (Individual)	One credit hour
Continuation of Voice 315-316. Senior recital.		
MUSIC 425-426	Voice (Individual)	Two credit hours
Advanced study of technique and repertoire.		

Orchestral Instruments

MUSIC 610-611	String Class	One credit hour
A course for the beginner. Individual and ensemble playing of exercises, scales, arpeggios, and easy compositions		
MUSIC 612-613	Strings (Individual)	One credit hour
MUSIC 614-615	Strings (Individual)	One credit hour
MUSIC 616-617	Strings (Individual)	One credit hour
MUSIC 618-619	Strings (Individual)	One credit hour
A study of the technique and repertoire of the chosen instrument.		
MUSIC 710-711	Woodwind Class	One credit hour
A course for the beginner. Individual and ensemble playing of exercises, scales, arpeggios, and easy compositions.		
MUSIC 712-713	Woodwind (Individual)	One credit hour
MUSIC 714-715	Woodwind (Individual)	One credit hour
MUSIC 716-717	Woodwind (Individual)	One credit hour
MUSIC 718-719	Woodwind (Individual)	One credit hour
A study of the technique and repertoire of the chosen instrument. Senior recital.		
MUSIC 720-721	Woodwind (Individual)	Two credit hours
Advanced study of technique and repertoire.		
MUSIC 810-811	Brass and Percussion Class	One credit hour
A course for the beginner. Individual and ensemble playing of exercises, scales, arpeggios, and easy compositions.		
MUSIC 812-813	Brass and Percussion (Individual)	One credit hour
MUSIC 814-815	Brass and Percussion (Individual)	One credit hour
MUSIC 816-817	Brass and Percussion (Individual)	One credit hour

MUSIC 818-819 Brass and Percussion (Individual) One credit hour
 A study of the technique and repertoire of the chosen instrument. Senior recital.

MUSIC 820-821 Brass and Percussion (Individual) Two credit hours
 Advanced study of technique and repertoire.

MUSIC EDUCATION

MUSIC 231 Music Appreciation for the Elementary School Teacher Three credit hours
 A course designed for the grade school teacher who is not a music specialist. Covers methods, materials, and activities in music appreciation.

MUSIC 339 The Teaching of Music in the Elementary School Three credit hours
 Principles, objectives, materials, and procedures for meeting the needs of the music teacher in the elementary school.

MUSIC 432 The Teaching of Music in the Secondary School Three credit hours
 Principles, objectives, materials, and procedures for meeting the needs of the music teacher in the secondary school.

MUSIC LITERATURE AND HISTORY

MUSIC 131 Introduction to Music Literature Three credit hours
 An introduction to the history and literature of music.

MUSIC 337-338 Music History and Literature Three credit hours
 A general survey of the development of music from primitive sources to the present day.

MUSIC 429 Independent Study or Seminar Two credit hours
 Investigation of some aspect of music or music education. Prerequisite: permission of the department.

ENSEMBLES

MUSIC 1H1-1H2 Vocal Ensemble (University Choir) One credit hour
 A course that presents choral music of the best type in performances of the highest possible standard. Members chosen by audition.

MUSIC 1H3-1H4 Instrument Ensemble (University Band) One credit hour
 A course that presents instrumental music of the best type in performances of the highest possible standard. Members chosen by audition.

**SUGGESTED PROGRAM OF STUDIES FOR THE MUSIC
EDUCATION MAJOR
(INSTRUMENTAL)**

First Year

Courses	Fall Semester	Spring Semester
English 190 ,	3	3
Philosophy/Religion	3	..
Mathematics 131-132	3	3
Speech 131	..	3
Psychology 131	3	..
Education 121	..	2
Music 133-134*	3	3
Music 113-114	1	1
Major Instrument	1	1
Physical Education	1	1
	—	—
Total	18	17

Second Year

English 231-232	3	3
French 131-132	3	3
Art 131	3	..
Community Health 226	2	..
Social Science	..	3
Education 230	..	3
Muslc 233-234	3	3
Music 213-214	1	1
Major Instrument	1	1
Music 610-611	1	1
	—	—
Total	17	18

Summer: Psychology 237
Summer: Education 322
Summer: Physical Education 121

**Students who do not demonstrate competencies to pursue this course will be required to take Music 132, The Fundamentals of Music.*

Third Year

Courses	Fall Semester	Spring Semester
Psychology 239	..	3
Social Science	3	3
Social Science	..	3
Education 395	..	3
Education 393	3	..
Music 131	3	..
Music 337-338	3	3
Music 710-711	1	1
Major Instrument	1	1
Music 323	2	..
Music 810-811	1	1
	—	—
Total	17	18

Summer: Biological Science - 4 S.H.

Summer: Physical Science 4 S.H.

Fourth Year

Education 432	3	..
Education 462	..	6
Music 339	3	..
Music 432	3	..
Music 427	2	..
Music 322	2	..
Music 425	2	..
Major Instrument	2	..
	—	—
Total	17	6

**SUGGESTED PROGRAM OF STUDIES FOR MUSIC
EDUCATION MAJORS**

**(GENERAL)
PIANO/VOICE**

First Year

Courses	Fall Semester	Spring Semester
English 190	3	3
Philosophy/Religion	3	..
Mathematics 131-132	3	3
Speech 131	..	3
Psychology 131	3	..
Education 121	..	2
Music 133-134*	3	3
Music 113-114	1	1
Music 115-116	1	1
Physical Education	1	1
	—	—
Total	18	17

Second Year

English 231-232	3	3
Art 131	3	..
Social Science	3	3
French 131-132	3	3
Education 322	..	2
Music 233-234	3	3
Music 213-214	1	1
Music 215-216	1	1
Physical Education 121	..	2
	—	—
Total	17	18

Summer: Education 230

Summer: Psychology 237

**Students who do not demonstrate competencies to pursue this course will be required to take Music 132, The Fundamentals of Music.*

Third Year

Courses	Fall Semester	Spring Semester
Psychology 239	..	3
Social Science	3	3
Social Science	..	3
Community Health 226	2	..
Education 395	..	3
Education 393	3	..
Music 131	3	..
Music 337-338	3	3
Music 313-314	1	1
Music 315-316	1	1
Music 610	1	..
Music 710	1	..
Music 810	..	1
	—	—
Total	18	18

Summer: Biological Science - 4 S.H.
Summer: Physical Science 4 S.H.

Fourth Year

Education 432	3	..
Education 462	..	6
Music 339	3	..
Music 432	3	..
Music 427	2	..
Music 322	2	..
Major Instrument	2	..
Elective (Applied)	1	..
Elective (Music 323 or Music 429)	2	..
	—	—
Total	16-18	6

The Music Education Programs at Johnson C. Smith University are planned, as far as possible, in accordance with the guidelines issued by the Division of Teacher Education, North Carolina Department of Public Instruction, Raleigh, North Carolina.

MUSIC-BUSINESS ADMINISTRATION MAJOR

The Bachelor of Arts degree with a major in music and a concentration in business administration is designed for students who wish to pursue a career in music and business, encompassing management, sales and other business facets of music production. This course of study will present to the student the fundamentals of music theory and practice, applied music and music history and literature. Applied music courses will stress technique, repertoire, and sources of materials of all instruments.

The program requires a minimum of seventy/seventy-one semester hours credit for graduation. A summary of the required areas is as follows: music, twenty-two/twenty-six semester hours; business, twenty-one semester hours; internship (Economics 461), six semester hours; electives (music-business), eighteen/twenty-one semester hours.

The most important aspect of the curriculum is that of the internship. Internships are based on the cooperative education principle—that of combining classroom learning with periodic intervals of planned and supervised practical experience away from the campus.

The management of artists is investigated and the possibility of working with radio and television is explored. In short, this course of study attempts to give the student the fundamentals of music theory, history and practice, as well as an understanding of the operation of the business system of the lucrative field of music.

APPLIED MUSIC

All students will complete six semester hours credit in a major instrument. The choice of the major instrument will determine the curriculum which the student will follow.

All students will be auditioned in their major instrument and given advice relative to their registration and choice of a program of study.

ENSEMBLES

All students are expected to participate in ensembles for a minimum of two years.

The student may earn a maximum of four semester hours credit toward graduation and he may elect ensembles each semester for no credit, depending upon his load.

ELECTIVES

The student will augment the basic program with courses elected from the following list:

Music

Ensembles—University Choir 1H1-1H2
University Band 1H3-1H4
(Maximum—four credit hours)

	Credit Hours
Conducting—Music 322	2
Orchestration—Music 323	2
Music Literature and History—Music 337-338	3 (each semester)
Form and Analysis—Music 427	2

NOTE: Theory—Music 233-234 is a prerequisite of the above music courses, with the exception of the ensemble courses.

Business

	Credit Hours
Principles of Management—Business 333	3
Personnel Management—Business 334	3
Microeconomic Theory—Economics 335	3
Marketing Research—Marketing 431	3
Managerial Marketing—Marketing 432	3
Accounting—Intermediate 335-336	3 (each semester)
Marketing—Advertising 332	3

NOTE: These courses must be approved by the Business Administration Department.

**SUGGESTED PROGRAM OF STUDIES FOR MUSIC-
ADMINISTRATION MAJORS
PIANO/ORGAN**

First Year

Courses	Fall Semester	Spring Semester
English 190	3	3
Philosophy/Religion 131	3	..
Art 131	..	3
Mathematics 131-132	3	3
Speech 131	..	3
Music 131	3	..
Music 133-134*	3	3
Music 113-114 OR Music 117-118	1	1
Physical Education 121	..	2
Physical Education	1	3
	—	—
Total	17	18

**Students who do not demonstrate competencies to pursue this course will be required to take Music 132, The Fundamentals of Music.*

Second Year

Courses	Fall Semester	Spring Semester
English 231-232	3	3
Social Science	3	3
Social Science	3	3
Music 213-214 OR Music 217-218	1	1
Music 610	1	..
Music 115	..	1
Music 233-234	3	3
Economics 131-132	3	3
Physical Education	1	..
	—	—
Total	18	17

Summer: Biological Science - 4 S.H.

Third Year

Principles of Accounting 235-236	3	3
Principles of Marketing 331	3	..
Marketing and Salesmanship 333	3	..
Marketing and Retailing 334	..	3
Physical Science	4	..
Music 313-314 OR Music 317-318	1	1
Music 710	1	1
Music 810	..	1
Electives	..	6*
French 131-132	3	3
	—	—
Total	18	18

Fourth Year

Music 429 (Projects)	2	..
Music 117**	1	*
Economics 461 (Internship)	..	6
Electives	14-15	..
	—	—
Total	17-18	6

**For Organ majors*
***For Piano majors*

VOICE/WOODWINDS/BRASS OR PERCUSSION/STRINGS**First Year**

Courses	Fall Semester	Spring Semester
English 190	3	3
Philosophy/Religion 131	3	..
Art 131	..	3
Mathematics 131-132	3	3
Speech 131	..	3
Music 131	3	..
Music 133-134*	3	3
Music 113-114	1	1
Music 115-116 OR Music 712-713 OR Music 812-813 OR Music 612-613	1	1
Applied Music	1	..
Physical Education	..	1
	<hr/>	<hr/>
Total	18	18

Second Year

English 231-232	3	3
Social Science	3	3
Social Science	3	3
Music 213-214	1	1
Music 215-216 OR Music 714-715 OR Music 814-815 OR Music 614-615	1	1
Music 233-234	3	3
Economics 131-132	3	3
Applied Music	..	1
Physical Education	1	1
	<hr/>	<hr/>
Total	18	18

Summer: Biological Science - 4 S.H.

Third Year

Principles of Accounting 235-236	3	3
Principles of Marketing 331	3	3
Marketing and Salesmanship 333	3	3
Marketing and Retailing 334	..	3
Physical Science	4	..
Applied Music**	2	1
French 131-132	3	3
Physical Education 121	..	2
	<hr/>	<hr/>
Total	18	18

*Students who do not demonstrate competencies to pursue this course will be required to take Music 132, the Fundamentals of Music.

**The student's major instrument will determine the selection of applied music courses during the junior year.

Courses	Fall Semester	Spring Semester
Applied Music**		
Voice 315-316	1	1
Woodwinds 710	..	1
Organ 117	1	..
Strings 610	1	..
OR		
Woodwinds 716-717	1	1
Voice 115	..	1
Organ 117	1	..
Strings 610	1	..
OR		
Brass or Percussion 816-817	1	1
Voice 115	..	1
Organ 117	1	..
Strings 610	1	..
OR		
Strings 616-617	1	1
Woodwinds 710	..	1
Organ 117	1	..
Voice 115	1	..

Fourth Year

Music 429 (Projects)	2	..
Economics 461 (Internship)	..	6
Brass/Percussion 810 OR Woodwinds 710	1	..
Electives	13-15	..
	<hr/>	<hr/>
Total	16-18	6

DIVISION II: THE SOCIAL SCIENCES

The Division of the Social Sciences is composed of the following departments: Economics-Business Administration, History-Political Science, and Sociology-Social Work. The division offers majors in banking and finance, business administration, economics, history, political science, sociology, and social work. Students majoring in any of the above areas are required to complete at least one course in each of the three remaining major areas. A student may also complete work for a major in the social sciences as prescribed on succeeding pages.

THE SOCIAL SCIENCE MAJOR

The social science major, consisting of forty-two credit hours of course work, is designed basically to accommodate two categories of students: (1) those who are prospective social studies teachers and (2) those who are seeking a more general background in the social science area. Students electing a major in the social sciences are required to complete twenty-one credit hours of subject matter concentration and twenty-one credit hours of course work chosen from three or more of the other major areas in the social science division, including History 333.

SOCIAL SCIENCE

SOCIAL SCIENCE 490 Social Science Seminar Three credit hours

A course designed to help students to achieve a synthesis of social science knowledge. Conducted by selected members of the division faculty. Open to juniors and seniors; open to nonmajors by permission of the staff. Offered for credit in students' chosen areas of concentration. (Same as Sociology 490.)

CURRICULUM FOR SOCIAL SCIENCE MAJORS

Freshman Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
English 190	3	English 190	3
Sociology 131	3	Foreign Language 132	3
Fine Arts (Music, Art, Drama, Speech)	3	Fine Arts (Music, Art, Drama, Speech)	3
Foreign Language 131	3	Math 136*	3
Math 131	3	Personal Hygiene	2
Physical Education (Activity)	1	Psychology 131	3
	—		—
	16		17

Sophomore Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
English 231	3	English 232	3
Humanities (Religion or Philosophy)	3	Humanities (Religion or Philosophy)	3
Biological Science	4	History 132	3
Physical Education Activity	1	Foreign Language 232	3
History 131	3	Physical Science	3- 4
Foreign Language 231	3		—
	—		15-16
	17		

Since social science courses will satisfy basic and major requirements, some of these hours can be included in the junior year.

*Effective for students entering 1977-1978.

Junior Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
History 135	3	History 136	3
Sociology 133	3	Geography 131	3
Geography 130	3	Political Science 131	3
Psychology 237	3	Education 326	2
Education 221	2	Psychology 239	3
Physical Education 226	2	Education 222	2
	—		—
	16		16

Senior Year

Fall Semester		Spring Semester	
Education 395	3	Political Science	3
Education 330	3	History	3
Economics 131	3	Education 462	6
History Electives	6		—
	—		12
	15		

DEPARTMENT OF BUSINESS ADMINISTRATION AND ECONOMICS

The Department of Business Administration and Economics has a fourfold purpose: first, to guide students in understanding the operation of business and economic systems and to stress the interrelation among the various social sciences; second, to prepare students for entry level jobs in profit and nonprofit-making organizations; third, to provide a broad background for majors who intend to pursue graduate studies in economics, business, and other related fields; fourth, to develop in students the leadership qualities that are necessary for making a constructive contribution to society through a chosen vocation.

BUSINESS ADMINISTRATION

The courses offered in the business administration curriculum provide specialized concentration in four areas: accounting, general business, marketing, and music-business administration (See Department of Music.) Each student is required to choose one area of concentration. All Majors in the Department are required to complete the following courses before entering their major programs:

- Economics 131 and 132
- Accounting 235 and 236

In addition all majors in the Department must take Economics 133 and 134.

ACCOUNTING

A major in Business Administration with a concentration in Accounting requires completion of twenty-seven credit hours of

Accounting. The following fifteen hours are required: Accounting 235, 236, 335, 336, and 435.

ACCOUNTING 231 Techniques of Digital Computing 1 Three credit hours
(See Department of Mathematics.)

ACCOUNTING 235-236 Principles of Accounting Three credit hours
A discussion of the fundamental elements of accounting. A prerequisite of all courses in accounting.

ACCOUNTING 335-336 Intermediate Accounting Three credit hours
A study of higher and more technical principles of accounting.

ACCOUNTING 337-338 Cost Accounting Three credit hours
The study of basic cost accounting principles, practices, and procedures. Special applications to job order costing, process cost accounting, managerial profit planning, and budgeting.

ACCOUNTING 435-436 Advanced Accounting Three credit hours
A laboratory course in the procedures of consolidating balance sheets and income statements. Accounting for mergers and conglomerates. A discussion of the impact of regulatory agency laws. Two-semester course.

ACCOUNTING 437 Federal Income Taxes Three credit hours
A course in the fundamentals of the federal income tax relating to individuals, partnerships, and corporations, including the effect of tax laws upon business decisions.

ACCOUNTING 438 Auditing Three credit hours
A study of the purposes and scope of audits and examinations, auditing standards, various types of audits and special investigations, and form and scope of report presentation. Theory and practice work: an integrated case study which involves the preparation of the working papers and the report for a complete audit to be finished during the semester.

CURRICULUM FOR ACCOUNTING MAJORS

Course Sequence

Freshman Year

1st Semester	Credit Hours	2nd Semester	Credit Hours
1. English 190 I	3	1. English 190 II	3
2. Mathematics 131	3	2. Mathematics 132	3
3. History 131	3	3. Fine Arts-Speech 121	3
(or Psychology 131)		4. Religion 130 or 131	3
4. Physical Ed. 121	2	5. History 132	3
5. Philosophy 131	3		
	<hr/>		<hr/>
Total Hours	14	Total Hours	15

Sophomore Year

1st Semester	Credit Hours	2nd Semester	Credit Hours
1. Economics 131	3	1. Economics 132	3
2. Accounting 235	3	2. Accounting 236	3
3. Fine Arts-Art 121 or Music 121	3	3. Physical Ed. (Activity Course)	1
4. Physical Ed. (Activity Course)	1	4. Physical Science 141 (Lab)	4
5. Biology 140 (Lab)	4	5. World Literature-English 232	3
6. World literature-English 231	3	6. Elective-Social Science	3
	<hr/>		<hr/>
Total Hours	17	Total Hours	17

Junior Year

1st Semester	Credit Hours	2nd Semester	Credit Hours
1. Accounting 335	3	1. Accounting 336	3
2. Economics 133	3	2. Economics 134	3
3. Accounting 337	3	3. Accounting 338	3
4. Electives	6	4. Electives	6
	<hr/>		<hr/>
Total Hours	15	Total Hours	15

Senior Year

1st Semester	Credit Hours	2nd Semester	Credit Hours
1. Accounting 435	3	1. Accounting 436	3
2. Accounting 437	3	2. Electives	11
3. Electives	9		<hr/>
(Controlled by dept. advisor)		Total Hours	14
	<hr/>		
Total Hours	15		

GENERAL BUSINESS

A major in general business consists of twenty-one hours in Business including Business 332 and Marketing 331.

BUSINESS 131 Personal and Family Finance Three credit hours

An analysis of financial decisions and judgments which the average family must make during a lifetime. (Same as Sociology 130.)

BUSINESS 331 Principles of Insurance Three credit hours

A study of the economic and social services, as well as the techniques and underlying principles of insurance.

BUSINESS 332 Business Law Three credit hours

A course in the elements of business law.

BUSINESS 333 Principles of Management Three credit hours

A study of the principles and techniques underlying the successful organization and management of business activities. Discussion of planning, staffing, directing, and controlling industrial enterprise.

BUSINESS 334 Personnel Management Three credit hours

A study of the basic principles of management: employment procedures, testing, training, remuneration plans, handling of grievances, promotion, and transfer of personnel records.

BUSINESS 431 Corporate Finance Three credit hours

A study of theories, procedures, institutions, instruments, problems, and policies that are involved in the acquisition and use of money by small and large business corporations.

BUSINESS 432 Production Control Three credit hours

Development of ability to analyze and to solve production problems and to formulate production policies. Introduction to quantitative techniques in production management.

BUSINESS 433 Fundamentals of Real Estate Three credit hours

An analysis of the nature of transactions involved in the acquisition and use of real estate and in the nature of real estate markets. Deals with real estate problems from the standpoint of business administrators, brokers, and property owners.

CURRICULUM FOR GENERAL BUSINESS MAJORS

Course Sequence

Freshman Year

	Credit Hours		Credit Hours
1st Semester		2nd Semester	
1. English 190 I	3	1. English 190 II	3
2. Mathematics 131	3	2. Mathematics 132	3
3. History 131	3	3. History 132	3
(or Psychology 131)		4. Fine Arts-Speech 121	3
4. Physical Education 121	2	5. Religion 130 or 131	3
5. Philosophy 131	3		
	<hr/>		<hr/>
Total Hours	14	Total Hours	15

Sophomore Year

	Credit Hours		Credit Hours
1st Semester		2nd Semester	
1. Economics 131	3	1. Economics 132	3
2. Accounting 235	3	2. Accounting 236	3
3. Physical Ed.	1	3. Physical Ed.	1
(Activity Course)		(Activity Course)	
4. Biology 140	4	4. Physical Science 141	4
5. World Literature-English 231	3	(Lab)	
6. Electives	3	5. World Literature-English 232	3
	<hr/>	6. Sociology 131	3
Total Hours	17		<hr/>
		Total Hours	17

Junior Year

	Credit Hours		Credit Hours
1st Semester		2nd Semester	
1. Fine Arts-Art 121	3	1. Economics 134	3
or Music 121		2. Business 333	3
2. Business 331	3	3. Business 334	3
3. Marketing 331	3	4. Electives	6
4. Economics 133	3		<hr/>
5. Electives	3	Total Hours	15
	<hr/>		
Total Hours	15		

Senior Year

	Credit Hours		Credit Hours
1st Semester		2nd Semester	
1. Business 432	3	1. Business 431	3
2. Business 332	3	2. Electives	11
3. Electives	9		<hr/>
(Controlled by dept. advisor)		Total Hours	14
	<hr/>		
Total Hours	15		

MARKETING

A major in Business Administration with a concentration in Marketing consists of fifteen credit hours in Marketing, including Marketing 331.

- MARKETING 331 Principles of Marketing

Three credit hours

A course designed to show the characteristics, history, and functions relating to marketing and the principles involved in mass salesmanship. A requisite of all courses in marketing except 332, 333, 334.
- MARKETING 332 Advertising

Three credit hours

A course intended to provide an understanding of advertising: its functions in our way of life and its role in business.
- MARKETING 333 Salesmanship and Sales Management

Three credit hours

A study covering both the theoretical principles and practical application of modern selling. An analysis of the managerial functions.
- MARKETING 334 Principles of Retailing

Three credit hours

An introduction to the structure of retailing and problems associated with the management of retail stores of various types.
- MARKETING 431 Marketing Research

Three credit hours

The nature of marketing problems, problem definition, and formulation of hypotheses, theories of measurement, experimental design, and survey techniques applied to marketing problems.
- MARKETING 432 Managerial Marketing

Three credit hours

An analysis of the nature and work of the marketing manager, who organizes, directs, and controls the various functional specialties of marketing.

CURRICULUM FOR MARKETING MAJORS

Course Sequence
Freshman Year

1st Semester	Credit Hours	2nd Semester	Credit Hours
1. English 190 I	3	1. English 190 II	3
2. Mathematics 131	3	2. Mathematics 132	3
3. History 131	3	3. Fine Arts-Speech 131	3
4. Physical Education 121	2	4. Religion 130 or 131	3
5. Philosophy 131	3	5. History 132	3
	<hr/>		<hr/>
Total Hours	14	Total Hours	15

Sophomore Year

1st Semester	Credit Hours	2nd Semester	Credit Hours
1. Economics 131	3	1. Economics II 132	3
2. Marketing 331	3	2. Physical Ed.	1
3. Physical Ed.	1	(Activity Course)	
(Activity Course)		3. Physical Science (Lab)	4
4. Biology 140 (Lab)	4	4. World Literature-English 232	3
5. World Literature-English 231	3	5. Electives	3
6. Accounting 235	3	6. Accounting 236	3
	<hr/>		<hr/>
Total Hours	17	Total Hours	17

Junior Year

1st Semester	Credit Hours	2nd Semester	Credit Hours
1. Fine Arts-Art OR Music	3	1. Advertising	3
2. Marketing 333	3	2. Economics 134	3
3. Economics 133	3	3. Electives	9
4. Electives	6		<hr/>
	<hr/>	Total Hours	15
Total Hours	15		

Senior Year

1st Semester	Credit Hours	2nd Semester	Credit Hours
1. Marketing 334	3	1. Marketing 432	3
2. Marketing 431	3	2. Electives	11
3. Electives (Controlled by dept. advisor)	9		<hr/>
		Total Hours	14
	<hr/>		
Total Hours	15		

ECONOMICS

A major in economics consists of twenty-seven credit hours in economics with grade of **C** or better. The hours must include Economics 131-132, 133-134, 335, 336, 431, and Accounting 235.

ECONOMICS 131-132 Principles of Economics **Three credit hours**

An introductory course in principles and theories of economics. Prerequisite of all economics courses except 231 and 333.

Economics 131: requirement for nonmajors.

ECONOMICS 133-134 Mathematical Foundation of Business and Economics **Three credit hours**

A study of mathematical techniques applicable to economics and business. Required of all majors or minors in the Department of Business Administration and Economics.

ECONOMICS 231 Black Economic Problems **Three credit hours**

A discussion of the functioning of the American economy as viewed by black people.

ECONOMICS 331 Money and Banking **Three credit hours**

A study of instruments and problems of prices and institutional practices. Special emphasis on practical banking operations.

ECONOMICS 332 Urban and Regional Economics **Three credit hours**

An analysis of the various theories of regional and urban development.

ECONOMICS 333 Economic Development of the United States **Three credit hours**

A study of the history of the United States during the twentieth century.

ECONOMICS 334 International Economics and Social Problems **Three credit hours**

A comprehensive view of the international field of exchange, production, and distribution.

ECONOMICS 335 Microeconomic Theory **Three credit hours**

Examination of the value and distribution theory, including the theory of consumer behavior and the theory of the firm.

ECONOMICS 336 Macroeconomic Theory **Three credit hours**

An analysis of national income level, employment, and price level.

ECONOMICS 431 Industrial Organization and Regulation of Business **Three credit hours**

A discussion of market structures and problems of public policy created by the attempt at their control and regulation.

- ECONOMICS 432 Introduction to Econometrics** **Three credit hours**
The application of statistics and mathematics to economic problems. The formulation of economic models, their measurement, and their verification.
- ECONOMICS 433 Economic Development** **Three credit hours**
A study of the economics of underdeveloped countries. Major concentration on African countries.
- ECONOMICS 434 Development of Economic Thought** **Three credit hours**
The development of economic doctrines from earliest thinkers to the present-day contributions to economic thought.
- ECONOMICS 461 Internship or Project** **Six credit hours**
Special inservice jobs or research.

CURRICULUM FOR ECONOMICS MAJORS

Course Sequence

Freshman Year

1st Semester	Credit Hours	2nd Semester	Credit Hours
1. English 190 I	3	1. English 190 II	3
2. Mathematics 131	3	2. Mathematics 132	3
3. History 131	3	3. History 132	3
4. Physical Ed. 121	2	4. Fine Arts-Speech 131	3
5. Philosophy 131	3	5. Religion 130 or 131	3
	<hr/>		<hr/>
Total Hours	14	Total Hours	15

Sophomore Year

1st Semester	Credit Hours	2nd Semester	Credit Hours
1. Economics 131	3	1. Economics 132	3
2. Accounting 235	3	2. Accounting 236	3
3. Fine Arts-Art 121 or Music 121	3	3. Physical Ed. (Activity Course)	1
4. Physical Ed. (Activity Course)	1	4. Physical Science (Lab)	4
5. Biology 140	4	5. World Literature-English 232	3
6. World Literature-English 231	3	6. Sociology 131	3
	<hr/>		<hr/>
Total Hours	17	Total Hours	17

Junior Year

1st Semester	Credit Hours	2nd Semester	Credit Hours
1. Economics 335	3	1. Economics 336	3
2. Economics 431	3	2. Economics 134	3
3. Economics 133	3	3. Electives	9
4. Electives	6		
	<hr/>		<hr/>
Total Hours	15	Total Hours	15

Senior Year

1st Semester	Credit Hours	2nd Semester	Credit Hours
1. Economics 331	3	1. Economics 433	3
2. Electives (Controlled by dept. advisor)	12	2. Electives	11
	<hr/>		<hr/>
Total Hours	15	Total Hours	14

CURRICULUM FOR BANKING & FINANCE MAJORS

Course Sequence

Freshman Year

1st Semester	Credit Hours	2nd Semester	Credit Hours
1. English 190 I	3	1. English 190 II	3
2. Mathematics 131	3	2. Mathematics 132	3
3. History 131	3	3. Fine Arts-Speech 121	3
4. Physical Education 121	2	4. Religion 130 or 131	3
5. Philosophy 131	3	5. History 132	3
	<hr/>		<hr/>
Total Hours	14	Total Hours	15

Sophomore Year

1st Semester	Credit Hours	2nd Semester	Credit Hours
1. Economics 131	3	1. Economics 132	3
2. Accounting 235	3	2. Accounting 236	3
3. Fine Arts-Art 231 or Music 131	3	3. Physical Education (Activity Course)	1
4. Physical Education (Activity Course)	1	4. Physical Science 141 (Lab)	4
5. Biology 140	4	5. World Literature-English 232	3
6. World Literature-English 231	3	6. Elective-Social Science	3
	<hr/>		<hr/>
Total Hours	17	Total Hours	17

Junior Year

1st Semester	Credit Hours	2nd Semester	Credit Hours
1. Accounting 335	3	1. Accounting 336	3
2. Economics 133	3	2. Economics 134	3
3. Marketing 331	3	3. Business 333	3
4. Economics 331	3	4. Electives	6
5. Electives	3		<hr/>
	<hr/>	Total Hours	15
Total Hours	15		

Senior Year

1st Semester	Credit Hours	2nd Semester	Credit Hours
1. Business 332	3	1. Business 431	3
2. Economics 335	3	2. Economics 336	3
3. Marketing 432	3	3. Electives	8
4. Electives (Controlled by dept. advisor)	6		<hr/>
	<hr/>	Total Hours	14
Total Hours	15		

DEPARTMENT OF HISTORY AND POLITICAL SCIENCE

HISTORY

For a major in history the student is required to complete thirty credit hours of course work. For a minor the student is required to complete eighteen credit hours of course work. History 131, 132, 135, and 136 are required of all majors and minors. History 333 is required of all majors and is recommended for minors. Introductory courses in economics, political science, and sociology must also be completed for the history major.

SOCIAL STUDIES EDUCATION (SOCIAL SCIENCE MAJOR)

Prospective social studies teachers are advised to major in the general area of social science. The social science major consists of forty-two credit hours distributed as follows: twenty-one credit hours of subject matter concentration (history is highly recommended) and twenty-one credit hours of course work chosen from three or more areas in the social science division.

Because history remains a basic part of the secondary school curriculum, prospective teachers will be more marketable with a concentration in history. In this case History 131-132, 135-136, 333, plus any six credit hours electives in history are required. Students concentrating in a social science discipline other than history are required to take all required courses within that discipline plus History 333.

The prospective teacher should check with the Department of Education for a list and sequence of education courses required. Education 326, Materials and Methods in High School Social Studies, is required.

The four-year recommended curriculum for social science majors is found under the general heading of "Division II: The Social Sciences."

HISTORY 131 World Civilization I Three credit hours

A study of the world's major civilizations from the Stone Age to 1500, the strengths and weaknesses of those societies, parallel developments, and cultural interaction.

HISTORY 132 World Civilization II Three credit hours

Primarily a study of the development of western European civilization since 1500 and its impact on the rest of the world.

HISTORY 135 History of the United States to 1865 Three credit hours

A study of the United States from its European background to 1865.

HISTORY 136 History of the United States Since 1865 Three credit hours

A study of the United States from the conclusion of the Civil War to the present.

HISTORY 231 History of Africa to 1800 Three credit hours

The geographical, ethnological, and cultural background of African history; political development and legitimate commerce; the slave trade and the mingling of Europeans and Africans. Prerequisite: six hours of history or consent of instructor.

HISTORY 232 History of Africa Since 1800 Three credit hours

A study of the slave trade, the abolitions, the migrations, the conquests, the colonial period, the rise of African nationalism and after. Prerequisite: six hours of history or consent of instructor.

HISTORY 233 Early Modern Europe: 1350-1789 Three credit hours

A study of radical social change in Europe from the late Middle Ages to the eve of the French Revolution. Renaissance and Reformation; political absolutism and the Enlightenment. Prerequisites: History 131 and 132. Offered in alternate years.

HISTORY 234 Revolution and Romanticism: 1789-1914 Three credit hours

A study of Europe from the French Revolution to the outbreak of World War I. The rise of romantic nationalism, liberal democracy, industrialism, and imperialism. Prerequisites: History 131 and 132. Offered in alternate years.

HISTORY 238 American Colonial Civilization Three credit hours

The study of an "underdeveloped area" and the economic, political, and religious life of the different colonies; the contributions of the various immigrants. Prerequisites: History 135 and 136. Offered in alternate years.

HISTORY 239 The American Revolution and the Federal Period: 1776-1820 Three credit hours

The United States during the formative years of the early republic from the War of Independence to the so-called "era of good feeling." Considerable attention devoted to the creative personalities of the period. Prerequisites: History 135 and 136. Offered in alternate years.

HISTORY 331 Diplomatic History of the United States: 1776-1877 Three credit hours

A study of the foreign policy of the United States government. Emphasis upon wars, territorial expansion, and peculiarities of the American position in world politics. Prerequisite: History 135. Offered in alternate years. Recommended for political science majors and prelaw students.

HISTORY 332 Diplomatic History of the United States: The Twentieth Century Three credit hours

Emphasis on the most important crises and the formulation of the basic policy decisions from the Spanish-American War to the present. Prerequisite: History 136. Offered in alternate years. Recommended for political science majors and prelaw students.

HISTORY 333 Historiography Three credit hours

An introduction to the methods of historical research, the more prominent philosophies of history, and an investigation of the work of outstanding historians. Prerequisite: six hours of history. Required of all history and social science majors. Should be taken FALL SEMESTER of sophomore year.

HISTORY 335 Sectionalism and Conflict: 1820-1865 Three credit hours

The American experience from the Missouri Compromise through the Civil War; Jacksonian democracy, territorial expansion, black slavery, and the rise of southern nationalism. Prerequisites: History 135 and 136. Offered in alternate years.

HISTORY 336 Emergence of Modern America: 1865-1900 Three credit hours

A study of the revolutionary changes in American life from the end of the Civil War to the close of the nineteenth century, the failure of Reconstruction, the origins of racial segregation, America's emergence as an industrial giant. Prerequisites: History 135 and 136. Offered in alternate years.

HISTORY 337 History of Latin America Three credit hours

The growth of the Latin American republics from their colonial periods. A study of their relations with one another and with the outside world. Prerequisite: six hours of history.

HISTORY 338 Black History in the United States Three credit hours

A study of the contributions of blacks to American history and civilization, their efforts at racial adjustment, and their struggle for social justice. Prerequisites: History 135 and 136.

HISTORY 431 Twentieth Century Europe Three credit hours

A study of World War I and its consequences; economic, social, and cultural change between the wars; the rise of totalitarian dictatorships and World War II; post-war reconstruction, the Cold War, and the current situation in Europe. Prerequisite: History 132. Offered in alternate years.

HISTORY 433 The Old South Three credit hours

Political, economic, social, and cultural forces in the evolution of the period 1820-1860. Prerequisite: History 135. Offered in alternate years.

HISTORY 434 The New South Three credit hours

Southern history from the end of Reconstruction to the present. A consideration of contemporary regional problems. A study of the South both in relationship and contrast to national development. Prerequisite: History 136. Offered in alternate years. Recommended for students concentrating in urban studies.

HISTORY 436-437 Topics in History Three credit hours each

Various special topics which permit advanced work in different fields of historical study.

HISTORY 439 Independent Study Three credit hours

A designed program of independent study and research for senior students with a 3.0 average or better in the history major. May be repeated one time for credit.

HISTORY 490 Social Science Seminar Three credit hours

(See Social Science 490: Social Science Seminar.)

CURRICULUM FOR HISTORY MAJORS**Freshman Year**

Fall Semester	Credit Hours	Spring Semester	Credit Hours
English 190	3	English 190	3
Foreign Language	3	Foreign Language	3
Biological Science	4	Physical Science	4
Mathematics	3- 4	Speech 131	3
History 131 or 135	3	History 132 or 136	3
Physical Education	1	Physical Education	1
	<hr/>		<hr/>
	17-18		17

Sophomore Year

Fall Semester		Spring Semester	
English 231	3	English 232	3
Music 131	3	Mathematics	3- 4
Philosophy or Religion	3	History 132 or 136	3
Physical Education	2	History 333	3
History 131 or 135	3	General Electives	3
General Electives	3		<hr/>
	<hr/>		15-16
	17		

Junior Year**Fall Semester**

Art 131	3
History Elective	3
Political Science 131	3
General Electives	6
	<hr/>
	15

Spring Semester

History Elective	3
History Elective	3
Sociology 131	3
General Electives	6
	<hr/>
	15

Senior Year**Fall Semester**

History Elective	3
Economics 131	3
General Electives	9
	<hr/>
	15

Spring Semester

History 436*	3
General Electives	12
	<hr/>
	15

***Recommended; may be taken in the junior or the senior year.*

POLITICAL SCIENCE

The curriculum in political science is designed to prepare students for civic participation, graduate or professional study, private or public employment, and teaching. For a major in political science, the student is required to complete thirty credit hours of course work. For a minor the student is required to complete eighteen credit hours of course work. Political Science 131 is required of all majors and minors and is prerequisite to electing other courses in the political science curriculum. Political Science 230, 334, 337 or 338, and 431 are required of all majors and are recommended for minors. Introductory courses in economics history, and sociology are also required for the major. Statistics and an introductory course in computer science, though not required, are highly recommended for students planning to do graduate work in political science. Students may satisfy the language requirement by taking either French or Spanish.

POL. SCI. 131 American Government**Three credit hours**

A study of the development, structure, and operation of the American political system.

POL. SCI. 230 Introduction to Political Analysis**Three credit hours**

An introductory study and application of the concepts and methods necessary for an analysis of the political system. Open only to political science majors.

POL. SCI. 330 Public Administration**Three credit hours**

A study of the formulation of public policy, organization and management, and problems of personnel and finance. Offered in alternate years.

**POL. SCI. 332 Contemporary Governments and
Politics of Africa****Three credit hours**

A survey of the governments and politics of Africa south of the Sahara. Emphasis on the cultural, political, economic, and ideological development in selected countries and regions. Offered in alternate years. May be taken for credit in history.

POL. SCI. 333 Comparative Political Systems Three credit hours

A comparative analysis of various political systems in the developed and developing countries. Emphasis on the parliamentary system (as modified) and the American Presidential system. Offered in alternate years.

POL. SCI. 334 International Relations Three credit hours

An analysis of the international political system, including the distribution of power among states in the international system, the manner in which states try to increase their capabilities, and the various mechanisms for conflict adjustment.

POL. SCI. 335 Constitutional History of the United States Three credit hours

The historical development of American constitutionalism from the Colonial Period. Emphasis on federal-state relations, governmental powers, and governmental impact in the economic sector. May be taken for credit in history.

POL. SCI. 336 Civil Rights and Liberties Three credit hours

An analysis of United States Supreme Court cases pertaining to civil rights and liberties.

POL. SCI. 337 History of Political Theory Three credit hours

A study of political thought from Greece to the seventeenth century, including basic writings from Plato to Hobbes.

POL. SCI. 338 History of Political Theory Three credit hours

A study of political thought from the seventeenth century to the present, including writings from Locke to the Declaration of Human Rights proposed as the foundation of the United Nations.

POL. SCI. 339 Afro-American Social and Political Thought Three credit hours

An analysis of Afro-American social and political thought from 1850. Emphasis on the dialectic between the assimilationist and separatist movements of this period.

POL. SCI. 431 Materials and Methods Three credit hours

The study and application of basic research materials and methods in political science. Emphasis on formulation of the problem, research design, data collection, analysis, and interpretation of the data.

POL. SCI. 433 International Organization and Law Three credit hours

A study of the nature and role of international law and the operations of the United Nations and various regional and functional organizations. Prerequisite: Political Science 334.

POL. SCI. 438 Political Science Seminar Three credit hours

Readings, papers, and discussions on selected topics in political science. Offered (on demand) to seniors majoring in political science. Prerequisite: permission of the instructor.

POL. SCI. 490 Senior Seminar Three credit hours

(See Social Science 490: Social Science Seminar.)

CURRICULUM FOR POLITICAL SCIENCE MAJORS

Freshman Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
English 190	3	English 190	3
Foreign Languages	3	Foreign Language	3
Biological Science	4	Physical Science	4
Mathematics	3- 4	Speech 131	3
History 131	3	History 132	3
Physical Education	1	Physical Education	1
	<hr/>		<hr/>
	17-18		17

Sophomore Year

Fall Semester		Spring Semester	
English 231	3	English 232	3
Music 131	3	Mathematics	3- 4
Philosophy or Religion	3	Art 131	3
Pol. Science 131	3	Pol. Science 230	3
Physical Education	2	General Electives	3
General Electives	3		<hr/>
	<hr/>		15-16
	17		

Junior Year

Fall Semester		Spring Semester	
Pol. Sci. 337 (or Pol. Sci. 338)	3	Pol. Sci. 338 (or Pol. Sci. 337)	3
Pol. Sci. 334	3	Pol. Sci. Elective	3
Economics 131	3	Sociology 131 or 133	3
General Electives	6	General Electives	6
	<hr/>		<hr/>
	15		15

Senior Year

Fall Semester		Spring Semester	
Pol. Sci. Elective	3	Pol. Sci. 431	3
Pol. Sci. Elective	3	Pol. Sci. Elective	3
General Electives	9	General Electives	9
	<hr/>		<hr/>
	15		15

URBAN STUDIES PROGRAM

A student who plans to minor in Urban Studies must select eighteen (18) credit hours of courses in the discipline including SU 230 (The Urban Environment). An introductory course in either Economics, Political Science or Sociology is required.

COURSES

SU 230 The Urban Environment 3 credits

A foundation for the multi-disciplinary analysis of urbanization in industrial and non-industrial world. Readings, lectures, class discussion, movies and research projects enable students to analyze such questions as: why and where cities grow; why land in different parts of cities is used for different purposes; what determines land usage; kinds of social stratification found in cities; how stratification is reflected in land use. Material on the United States, Africa, Asia, Europe and Latin America will be considered. Prerequisite: Introductory course in Sociology, Economics or Political Science.

SU 337 Urban Political Economy 3 credits

Surveys the main factors in economic change in urban society and how political decisions inter-act with these economic factors. Views changes from the perspective of the main characteristics of the modern economy, employment, wages and income, and the role of local, state and federal governments in economic development. Gives special attention to (1) distribution of wealth and income; (2) the trends in employment, unemployment and income distribution among racial minority groups. Prerequisite: SU 230.

SU 338 Strategies for Social Change in an Urban Society 3 credits

Examines the issues and variables involved in developing fundamental change in urban America. Beginning with urban social reform movement in the early 20th century, the course will examine the theories and strategies for social change that have been proposed and their relationship to issues of social class, ethnicity and race. Prerequisite: SU 230.

SU 391 Land Use 3 credits

A critical analysis of existing land use, trends, and projections of physical and economic growth, regional and municipal policies toward physical and economic development, and planners' conceptions of regional and urban goals. Prerequisites: SU 230.

SU 342 Regional and Urban Development 3 credits

A study of urban and regional problems and a detailed analysis of the various approaches to the multijurisdictional metropolitan planning process. Prerequisites: SU 230.

SU 434 Housing and New Town Development 3 credits

Provides study of the impact of substandard housing on Charlotte residents and the various programs currently employed locally and nationally to meet legislative and executive processes of government together with the impact of ideology and interests groups on those processes. Makes comparisons with housing programs and new town developments in other countries. Prerequisite: SU 230.

SU 435 Urban Policy Analysis 3 credits

Introduces students to the process of urban policy and development through the use of social science methodologies. Provides students with techniques in social problem identification, data collection and analysis, policy development and social program design, implementation, monitoring and evaluation.

SU 439 Senior Seminar**3 credits**

A senior seminar which gives students experience in conducting research on a problem not yet explored by scholars and the opportunity to share their findings with others in the class working on a related question. The topics of the seminar will vary and will be announced in advance. Prerequisites: SU 230 and three other courses in Urban Studies.

SU 460 Urban Studies Internship**3 credits**

A course designed to assist students in acquiring first-hand knowledge of governmental agencies in the urban community. Prerequisites: SU 230 and two other courses in Urban Studies.

As much as the Urban Studies Program is open to every interested student, irrespective of his/her major concentration, it is highly recommended that he or she pursue the program in consultation with his or her major advisor and the Director of the Urban Studies Area.

PRE-LAW

No particular course of study (major) is a prerequisite for admission to law school. All lawyers need to be effective users of the English language. But what the pre-law student needs is a solid foundation in English and speech; he need not major in either of these disciplines unless he wishes to do so. Law schools are seeking young men and women with analytical minds who can think clearly and logically and then express themselves both orally and in writing.

While a majority of students going into law usually major in one of the social sciences (economics, history, political science, or sociology), other majors, such as English, psychology, or philosophy, provide a good background for legal study. Students majoring in one of the natural sciences could use law as one of their options for professional preparation.

The Association of American Law Schools advises the pre-law student to "major in the field in which he is most interested and do as well as he can in all his subjects."

DEPARTMENT OF SOCIOLOGY AND SOCIAL WORK

The program of instruction in the Department of Sociology and Social Work is designed to enrich the general "liberal" education of students and to provide preprofessional and pregraduate training for those students who wish to seek careers in social work professionally, to qualify for service-delivering positions requiring no graduate professional education, to enter related professional fields for which there is no required preprofessional sequence, and to enhance and to make more meaningful their participation as citizens.

A major in sociology consists of thirty credit hours of course work, including Sociology 438 and Sociology 439. The require-

ment is a minimum grade of **C** in each major course. A minor in sociology consists of eighteen credit hours of course work, including Sociology 131. Except by consent of the instructor, Sociology 131 is prerequisite to enrollment in other courses comprising the sociology curriculum.

SOCIOLOGY

SOCIOLOGY 130 Personal and Family Finance Three credit hours

An analysis of financial decisions and judgments which the average family must make during a lifetime. (Same as Business 121.)

SOCIOLOGY 131 Principles of Sociology Three credit hours

An introduction to the viewpoints, basic concepts, and methods of sociology.

SOCIOLOGY 133 Introduction to Cultural Anthropology Three credit hours

A survey of the various processes and conditions involved in cultural growth and change.

SOCIOLOGY 230 Intergroup Relations Three credit hours

An analysis of viewpoints, processes, and basic factors underlying problems of adjustment between divergent racial or cultural groups.

SOCIOLOGY 232 Introduction to Criminal Justice

As an elective

Three credit hours

This course is designed to introduce the student to the criminal justice system in America. It will provide a comprehensive survey of current theories and practices in the criminal justice process. Included in the course will be a study of the principal functions and roles of four major components—legislative bodies, law enforcement agencies, courts and correctional institutions. It will highlight contemporary issues in each phase of the process.

SOCIOLOGY 233 Sociological Statistics Three credit hours

The application of inferential statistics to data in the social sciences. Emphasis on normal, chi-square, t, and F distributions, regression, and hypothesis testing. Prerequisite: Mathematics 136 or its equivalent. (Same as Psychology 233.) FALL SEMESTER.

SOCIOLOGY 237 Juvenile Delinquency Three credit hours

An analysis of the antisocial behavior of youth. Emphasis on causes, consequences, and efforts at prevention.

SOCIOLOGY 238 Social Problems Three credit hours

A sociological treatment of contemporary social problems. Offered alternate years. FALL SEMESTER.

SOCIOLOGY 239 Introduction to Political Sociology Three credit hours

This course is designed to introduce the student to the social circumstances of politics and how politics is both shaped by and shapes other events in society.

SOCIOLOGY 331 The Family Three credit hours

An examination of the structures and functioning of the family as a social institution.

- SOCIOLOGY 332 Urban Sociology** **Three credit hours**
A study of the growth, the ecology, the social processes, the organization, and the problems of the urban community.
- SOCIOLOGY 333 Social Stratification** **Three credit hours**
An examination of the ways in which societies differ in terms of their systems of internal differentiation.
- SOCIOLOGY 335 Collective Behavior** **Three credit hours**
An examination of the factors and processes leading to noninstitutionalized group patterns of action. Offered in alternate years. SPRING SEMESTER.
- SOCIOLOGY 336 Population** **Three credit hours**
A critical analysis of population characteristics in their implications for the structure and the functioning of society. Offered in alternate years. SPRING SEMESTER.
- SOCIOLOGY 337 Sociology of the Black Community** **Three credit hours**
An analysis of the structure and the functioning of the black community as a social system. Offered in alternate years. SPRING SEMESTER.
- SOCIOLOGY 338 Deviant Behavior** **Three credit hours**
Emphasis on individual behavior patterns in society. Examination of the social and psychological principles underlying sociopathic behavior.
- SOCIOLOGY 339 Criminology** **Three credit hours**
An examination of crime as a social phenomenon and the methods of prevention and control. Offered in alternate years.
- SOCIOLOGY 431 Social Psychology** **Three credit hours**
Problems, concepts, and methods in the study of social interaction and interpersonal influence. (Same as Psychology 431.)
- SOCIOLOGY 436 Independent Study** **Three credit hours**
An arranged program of independent study and research.
- SOCIOLOGY 438 Social Research** **Three credit hours**
An introduction to the techniques and methods of scientific inquiry. Prerequisite: nine credit hours of sociology or consent of instructor.
- SOCIOLOGY 439 The Development of Social Theory** **Three credit hours**
An analysis of the emergence and development of sociological theory. Prerequisite: nine credit hours of sociology or consent of instructor.
- SOCIOLOGY 490 Social Science Seminar** **Three credit hours**
A course conducted by selected members of the division faculty. Designed to help the student to achieve a synthesis of social science knowledge. Open to juniors and seniors. Nonmajors: by permission of instructional staff. Permits major students to receive credit in their area of concentration. (See Social Science 490.)

CURRICULUM FOR SOCIOLOGY MAJORS

Freshman Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
English 190	3	English 190	3
Sociology 131	3	Foreign Language 132	3
Fine Arts (Music, Art, Drama, Speech)	3	Fine Arts (Music, Art, Drama, Speech)	3
Foreign Language 131	3	Math 136*	3
Math 131	3	Personal Hygiene	2
Physical Education (Swimming)	1	Social Science	3
	—		—
	16		17

Sophomore Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
English 231	3	English 232	3
Humanities (Religion or Philosophy)	3	Humanities (Religion or Philosophy)	3
Biological Science	4	Social Science (or elective in major)	3
Physical Education Activity	1	Foreign Language 232	3
Social Science (or elective in major)	3	Physical Science	3- 4
Foreign Language 231	3		—
	—		15-16
	17		

Junior Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
Soc. 439 Social Theory	3	Soc. 438 Social Research	3
Social Science (or elective in major)	3	Social Science (or elective in major)	3
Soc. Elective	3	Electives	9
Electives	6		—
	—		15
	15		

Senior Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
Soc. Elective	3	Soc. Elective	3
Soc. Elective	3	Soc. Elective	3
Electives	9	Electives	9
	—		—
	15		15

Since social science courses will satisfy basic and major requirements, some of these hours can be included in the junior year.

*Effective for students entering 1977-1978.

SOCIAL WORK

A major in social work consists of thirty credit hours of course work, including Social Work 239, 334A, 334B, 432, 433, 434A, 434B, and 460. A minor in social work consists of eighteen credit hours of course work, including Social Work 239, 334A, 334B, 434A and 434B. All students electing a major or to minor in social work will be advised to take Sociology 131.

SOCIAL WORK 234 Social Rehabilitative Services Three credit hours

A comprehensive study of selected social services programs on the local, state, and national levels. Attention to both public and private agencies. A discussion of the Social Security Act and the Economic Opportunity Act, the major pieces of legislation to be studied. Offered alternate years. SPRING SEMESTER.

SOCIAL WORK 239 Introduction to the Field of Social Work

Three credit hours

A survey course which includes a history of social welfare and a comparison of the methods of casework, group work, and community organization.

SOCIAL WORK 330 Social Policy

Three credit hours

A study of the history, politics, sociology, and economics of the social services. Includes issues of choice and change.

SOCIAL WORK 331 Child Welfare: Policies and Practices Three credit hours

A course designed to offer the Social Work students comprehensive, up-to-date information on child and family welfare.

SOCIAL WORK 332 Social Planning

Three credit hours

A course designed to clarify the major phases in the planning process in theory and in practice.

**SOCIAL WORK 334A Human Growth and Development
in the Social Environment**

Three credit hours

A required course for students in the social work sequence. Designed to examine human behavior and the social environment from a normal developmental perspective. Special emphasis on man's bio-psycho-social needs and the behavioral consequences when these needs are not met. (Formerly Community Organization.)

**SOCIAL WORK 334B Human Growth and Development
in the Social Environment**

Three credit hours

A course designed to provide the student with a substantive knowledge base related to the aging process in Western society.

SOCIAL WORK 432 Social Welfare as a Social Institution

Three credit hours

An assessment of the philosophy, development, behavior, current trends, and dynamics of social welfare as a cognate institution in the social system.

SOCIAL WORK 433 Seminar in Social Welfare

Three credit hours

A course requiring students to interpret data from field experience in light of previously established concepts of social welfare methods of social work practice. Weekly seminar.

SOCIAL WORK 434A Social Work Methodologies

Three credit hours

Examination of the process in social work practice with individuals, families, and groups. (Formerly Introduction to Casework.)

SOCIAL WORK 434B Social Work Methodologies **Three credit hours**
An in-depth study of the process involved in the interventive methods. Consideration given to the individual, the group, and the community. Pre-requisite: Sociology 434A.

SOCIAL WORK 460 Field Experience **Six credit hours**
A course designed to assist students in acquiring first-hand knowledge of community agencies through active work experiences in preselected agency settings. SPRING SEMESTER.

CURRICULUM FOR SOCIAL WORK MAJORS

Freshman Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
English 190	3	English 190	3
Sociology 131	3	Foreign Language 132	3
Fine Arts (Music, Art, Drama, Speech)	3	Fine Arts (Music, Art, Drama, Speech)	3
Foreign Language 131	3	Math 136*	3
Math 131	3	Personal Hygiene	2
Physical Education (Swimming)	1	Social Science	3
	—		—
	16		17

Sophomore Year

Fall Semester		Spring Semester	
English 231	3	English 232	3
Humanities (Religion or Philosophy)	3	Humanities (Religion or Philosophy)	3
Biological Science	4	Foreign Language 232	3
Physical Education Activity	1	Physical Science	4
Social Science (or elective in major)	3	Introduction to Social Work 239	3
Foreign Language 231	3		16
	—		—
	17		

Junior Year

Fall Semester*	Credit Hours	Spring Semester	Credit Hours
Soc. 237—Juvenile Delinquency	3	Soc. 331—The Family	3
S.W. 334A—Human Growth and Development	3	Soc. 332—Urban Sociology	3
S.W. 432—Social Welfare as an Institution	3	Soc. 439—Social Research	3
Soc. 438—Social Theory	3	S.W. 334B—Human Growth and Development	3
S.W. 331—Child Welfare	3	Electives	6
Elective	3		—
	—		18
	18		

Senior Year

Fall Semester

S.W. 434A—Social Work	
Methodologies	3
Electives	12
S.W. 330—Social Policy	3
	—
	18

Spring Semester

S.W. 434B—Social Work	
Methodologies	3
S.W. 433—Social Welfare	
Seminar	3
S.W. 460—Field Experience	6
S.W. 332—Social Planning	3
	—
	15

**Any of the courses suggested for the FALL SEMESTER of the junior year may be postponed to the FALL SEMESTER of the senior year of study except Sociology 239, which may be taken as early as the FALL SEMESTER of the freshman year.*

DIVISION III: EDUCATION AND PSYCHOLOGY

The Division of Education and Psychology includes the following departments: Education, Physical Education and Health, and Psychology.

DEPARTMENT OF EDUCATION

The Department of Education offers majors in early childhood and intermediate education leading to the Bachelor of Arts degree and teacher certification. The Bachelor of Arts degree with teacher certification at the secondary level may be earned in English, mathematics, music, physical education, science (biology, chemistry, physics), and social studies. The department also provides courses in art, geography, and special education.

The Department of Education adheres closely to the standards and guidelines set forth by the North Carolina Department of Public Instruction and the Southern Association of Colleges and Schools in selecting and structuring course offerings and requirements. The Teacher Education Committee, comprised of representatives from the various academic disciplines and the Vice-President for Academic Affairs, assists in formulating policies and guidelines and in monitoring the programs of the Education Department.

REQUIREMENTS FOR ADMISSION TO THE PROGRAM OF TEACHER EDUCATION

A formal application to enter the program of teacher education must be filed with the head of the Department of Education at the beginning of the second semester of the sophomore year. Transfer students entering the University with junior classification must make application during the first semester in residence. Application forms may be secured from the Education Office.

To be admitted to teacher education, the student must meet the following requirements:

1. Completion of at least sixty credit hours with a cumulative grade point average of at least 2.2
2. Demonstration of proficiency in oral and written communication
3. Recommendation of two former professors, one of whom must be in the department of the applicant's major field
4. Possession of a health certificate indicating good mental and physical health
5. Declaration of a major and acceptance in the department of the major
6. Completion of interview by the Teacher Education Screening Committee
7. Endorsement of the Teacher Education Committee

Students who plan to teach in the elementary school, grades K-3 or 4-9, should major either in early childhood or in intermediate education. Teacher certification at the secondary school level is available in the following subject areas: English, mathematics, music, physical education, science (biology, chemistry, physics), and social studies. Students who plan to teach in the secondary school should select majors and minors in these areas. It is highly recommended that students prepare to teach two subjects.

PROFESSIONAL REQUIREMENTS

Early childhood and intermediate majors are required to take Psychology 235 and 239. Students seeking secondary certification must take Psychology 237 and 239. For certification purposes, all teacher education students must earn a minimum grade of **C** in required courses in education and psychology. Teacher certification at all levels requires the following education courses:

REQUIRED COURSES IN EDUCATION

EDUCATION 121 Introduction to Education **Two credit hours**

A general overview of public education in the United States. It examines the historical background, purposes and concepts basic to understanding education in America. It also seeks to help students explore teacher education as a career option.

EDUCATION 322 Measurement and Evaluation **Two credit hours**

Examines the selection and use of tests and other assessment instruments in the classroom. Stress is placed on the construction and use of teacher-made tests.

EDUCATION 230 Foundations of Education—SP **Three credit hours**

An examination of the role of the school in society and societal forces that influence education. Includes the sociological and philosophical foundations of education.

Early Childhood Education:

For Nursery School Teachers and Grades K-3

EDUCATION 130 Learning and Development of the

Young Child

Three credit hours

Study of varied theories of learning and development with direct implications for understanding the nature of the child, birth through eight years of life, in addition to implication for interpreting current research related to sex differences. Analyzes techniques for observing the behavior of young children, as well as guidance techniques. Requirement: field experiences involving observation of a specific child over a period of twelve weeks.

EDUCATION 225 Family, School, and Community

Two credit hours

This course is designed to help students develop skills in working with parents and to learn techniques of getting the community involved in school activities. Class projects will require student interaction with the community.

EDUCATION 334 Communication Skills and the

Young Child

Three credit hours

A study of ways in which the young child organizes and communicates ideas and feelings through designed learning experiences. Observation and participation with children from infancy through age eight will provide the laboratory experiences accompanying this course.

EDUCATION 336 Science and the Young Child

Three credit hours

An examination of scientific concepts and phenomena in ways which are consistent with the young child's way of seeing, inquiring, and experimenting with the natural environment. Emphasis on problem solving approaches to discovery.

EDUCATION 337-I Reading and the Young Child

Three credit hours

The first of two courses designed to prepare teachers to teach reading in the elementary school. Emphasis on prereading and early reading experiences which lead ultimately to skill in reading.

EDUCATION 337-II Reading in the Elementary School

Three credit hours

The second of two courses designed to prepare teachers to teach reading in the elementary school. Emphasis is placed on increased knowledge of the reading process and effective use of methods, techniques and materials in reading instruction. Formally Education 335. (Education 337-I is a prerequisite).

EDUCATION 338 The Guidance Role of the Teacher of the Young Child

Three credit hours

The development in early childhood programs of appropriate techniques for guiding children's learning and communicating with their parents. (Observation-participation experiences with children on campus and in the community are required for this course. Students must plan a three-hour free period during one morning or one afternoon per week).

EDUCATION 398 Literature for the Young Child

Three credit hours

Wide exploration and study of picture-story books, including Caldecott and Newberry awards, storytelling as an art, puppets for expression, use of films, filmstrips, and other media with a primary focus on uses within early education programs.

EDUCATION 430 Early Childhood Workshop **Three credit hours**
This course is designed to provide the student with an opportunity to assess, acquire, strengthen and demonstrate the understandings and competencies required of teachers in grades K-3. This course is taught concurrently with Student Teaching (Ed. 460).

EDUCATION 431 Interdisciplinary Senior Seminar in Early Childhood and Intermediate Education **Three credit hours**
Discussion and research on the various disciplines in the early childhood and intermediate curricula. Provides opportunity for creative expressions and for strengthening of selected skills. Problem-solving approach utilized as students discuss current issues of concern to future teachers.

EDUCATION 460 Early Childhood Curriculum and Directed Teaching **Six credit hours**
Students are placed in cooperating schools in a kindergarten or primary classroom. Activities include directed observation, guided participation, and full time classroom teaching. Seminars are held each week on Campus as a forum for discussion and interpretation of student problems, concerns and accomplishments.

CURRICULUM FOR EARLY CHILDHOOD EDUCATION MAJORS

(Sequence of Required General Education, Professional and Specialty Courses)

Freshman Year

First Semester	Credit Hours	Second Semester	Credit Hours
General Ed.	16	General Ed.	14
	—	Ed. 121 Intro. to Education	2
	16		—
			16

Sophomore Year

General Ed.	14	General Ed.	16
Ed. 130 Learning & Development	3		—
	—		16
	17		

Apply for admission to Teacher Education by mid semester of Sophomore Year.

Junior Year

Art 230 Art for Elem. School	3	Ed. 334 Comm. Skills	3
Ed. 225 Family, School & Community	2	Ed. 336 Science & Y.C.	3
Ed. 230 Found. of Education	3	Ed. 332 Meas. & Eval.	2
Psy. 235 Child Psy.	3	Ed. 337-I Reading	3
Music 339 Teaching		PE. 334 Proced. in Health Ed.	3
Music in Elem. School	3	Psy. 239 Ed. Psychology	3
Math 337 Math for Early Childhood Ed.	3		—
	—		17
	17		

Senior Year

Ed. 332 Children's Literature	3	Professional Student	
Ed. 338 Guidance Role	3	Teaching Semester	
Ed. 337-II Reading	3	Ed. 430 E. C. Ed. Workshop	3
Ed. 131 The Except. Child	3	Ed. 431 Senior Seminar	3
Ed. 321 Elem. School	2	Ed. 460 Directed Teaching	6
Elective	3		—
	—		12
	17		

Grade of "C" or better is required in each course in Early Childhood Education, Art, Music, Psychology, and Methods in Math and Physical Education. A "C" average or better is required in the remaining courses required for an Education Major. These courses are in Social Studies, Speech, and Physical Education.

Intermediate Education: For Teachers of Grades 4-9

EDUCATION 321. The Elementary School Two credit hours

Special attention to the philosophy, aims, principles, and practices of education as they relate to the elementary school. Required of all candidates for either the early childhood or the intermediate education teacher's certificate. Prerequisite: Education 121.

EDUCATION 332 Children's Literature Three credit hours

Study of the types of literature available and suitable for primary and intermediate grades. Required only of elementary education majors.

EDUCATION 333 Teaching Science in the Elementary School Three credit hours

Emphasis on the principles, practices, and procedures of the teaching of science in the elementary school.

EDUCATION 337-I Reading and the Young Child Three credit hours
(See description under Early Childhood Education.)

EDUCATION 337-II Reading in the Elementary School Three credit hours
(See description under Early Childhood Education.)

EDUCATION 390 Language Materials and Methods Three credit hours
Guidance of learning activities in the development of language. An analysis of ways of helping children to grow in reading, writing, speaking, and listening efficiency.

EDUCATION 391 Teaching the Social Studies in the Elementary School Three credit hours

A course designed to help elementary teachers to develop a social studies program. Includes methods, materials, and techniques which seem to be most effective in all of the elementary school grades.

EDUCATION 492 Materials and Methods of Elementary School Teaching Three credit hours

Investigation and evaluation of materials and methods used in elementary school teaching. Requires supervised observation of teaching activities at the elementary school level. Prerequisite to Education 461.

EDUCATION 461 Student Teaching in the Elementary School Six credit hours

A course requiring students to be placed in cooperating public elementary schools for the practical study of teachers' problems in a laboratory setting. Includes directed observation, guided participation, and full-time classroom teaching. Open only to seniors who are regularly enrolled in the University and who have completed courses designated in the catalog as prerequisites of student teaching.

Students preparing to teach in the intermediate grades are required to choose at least one area of concentration; however, two areas of concentration are preferred. The accepted areas of concentration are as follows:

Areas of Study	Credit Hours Required
English	24
Social Studies	24
Science	18
Mathematics	18
Music	18
Physical Education and Health	18

General education courses may be used, in some instances, as a part of the required courses in the related concentration area. The student must consult his adviser before choosing an area of concentration.

CURRICULUM FOR INTERMEDIATE EDUCATION MAJORS

Freshman Year

First Semester	Credit Hours	Second Semester	Credit Hours
Gen. Ed.	15	Gen. Ed.	15
	—	Ed. 121 Intro. to Education	2
	15		—
			17

Sophomore Year

Gen. Ed.	15	Gen. Ed.	15
Ed. 230 Found. of Education	3	P.E. 222 P.E. in Elem. Sch.	2
	—		—
	18		17

Apply for admission to Teacher Education by mid semester of Sophomore Year.

Junior Year

First Semester	Credit Hours	Second Semester	Credit Hours
Psy. 235 Child Psy.	3	Ed. 321 The Elem. School	2
Geo. 130 Intro. to Geography	3	Ed. 337-II Read.in	
Ed. 337-I Read. & Yng. Child	3	Elem. School	3
Ed. 339 Teaching Music		Ed. 336 Science In	
in Elem. School	3	the Elem. School	3
Ed.390 Lang. Meth. & Math	3	Math 338 Math for	
Math 337 Math for Intermed.		Intermed. Teachers Part II	3
School Teachers Part I	3	Psy.239 Educational	
	—	Psychology	3
	18	Concentration	3
			—
			17

Senior Year

Ed. 322 Meas. & Eval.	2	Ed. 492 Meth & Math	
Ed. 391 Teaching Soc. Studies		in Elem. School	3
in Elem. School	3	Ed 431 Sr. Seminar	3
Eng. 493 Mod. Eng. Grammar	3	Ed. 461 Student Teaching	
Ed. 332 Children's Literature	3	in the Elem. School	6
P.E. 334 Prin., Prac. &			—
Proced. of Health Ed.	3		12
Concentration	3		
	—		
	17		

Secondary Education: For Teachers of Grades 7-12

EDUCATION 393 Reading in the Secondary School **Three credit hours**
A course designed to help students who are pursuing teaching careers to recognize and to deal with various reading problems encountered in the secondary school. Emphasis on reading skills that secondary pupils must master and the teaching techniques that the instructor may utilize to develop these skills.

EDUCATION 395 The Secondary School **Three credit hours**
A survey course concerned with the purposes, clientele, organization, administration, teaching methodology, and viable problems of the contemporary American secondary schools. Offers prestudent teaching observation experiences in a public school setting. Public school pupil register clinic: ancillary component of the course. Required of all secondary education majors.

EDUCATION 432 Pre-student Teaching Workshop **Three credit hours**
A workshop on curriculum and instructional planning. Students work in areas and on problems of interest to them. Learning activities include observation and participation in classroom situations and wide use of instructional models, demonstrations, simulations and role playing.

EDUCATION 462 Student Teaching in the
Secondary School **Six credit hours**
A course requiring students to be placed in cooperating public secondary schools for the study of teachers' problems in a laboratory setting. Includes directed observation, guided participation, and full-time classroom teaching. Open only to seniors who are regularly enrolled in the University and who have completed all other course requirements.

ELECTIVE COURSES IN EDUCATION

EDUCATION 224 Educating the Young Disadvantaged
Child **Two credit hours**
A study of current approaches to early education programs for children from disadvantaged families, as well as a study of available research, including Head Start, Title I, Follow Through, Federal Interagency Day Care Projects, etc.

Technology

A study of the utilization of educational technology and media in the classroom and in industry. Special emphasis on the actual operation of the 8mm and 16mm motion picture projectors, slide projectors, opaque projectors, still and motion picture cameras, etc. Instruction relative to the construction of teaching aids such as transparencies, laminations, photocopies, mimeograph and spirit duplicator stencils, graphic materials, etc. Strongly recommended for all students who are enrolled in teacher education. (Formerly Audio-visual Materials and Methods.)

Three credit hours

A course which involves comprehension techniques and mechanics of reading, word attack, study skills, and independent reading.

A course which affords workshop participants an opportunity to teach reading to children and to observe children being taught. Designed for both inservice and preservice teachers. Preservice teachers permitted to substitute workshop credit for Education 335.

One to three credit hours

A planned and structured research project jointly defined by student and faculty. Number of credit hours contingent upon scope of work to be completed. May be taken for credit in early childhood, intermediate, or secondary education. Required of early childhood education majors.

(Sequence of Supportive and Professional Education Courses)

First Semester

First Semester		Second Semester	
Course	Credit	Course	Credit
General Education and Electives	12+	General Education and Electives	13+
Psychology 131 General Psychology	3	Education 121 Introduction to Education	2
	<hr/>		<hr/>
Total	15+	Total	15+

First Semester

First Semester		Second Semester	
Course	Credit	Course	Credit
General Education, Major, and Electives	14+	General Education, Major, and Electives	13+
Physical Education 226 Community Health	2	Education 230 Foundations of Education—SP	3
	<hr/>		<hr/>
Total	16+	Total	16+

Junior Year

First Semester		Second Semester	
Course	Credit	Course	Credit
Major and Electives	8+	Major and Electives	10+
Education 322 Measurement and Evaluation	2	Education 395 The Secondary School	3
Education 393* Reading in the Secondary School	3	Psychology 239 Educational Psychology	3
Psychology 237 Psychology of Adolescence	3		
	<hr/>		<hr/>
Total	16+	Total	16+

**Senior Year

First Semester		**Second Semester	
Course	Credit	Course	Credit
Major and Electives	16+	Methods in the area of Specialization	3
	<hr/>	Education 432 Prestudent Teaching Workshop	3
Total	16+	Education 462 Student Teaching in the Secondary School	6
			<hr/>
		Total	12

**Education 393 must be taken during the Junior year. Any exceptions must be approved by the Head of the Education Department.*

***The Student Teaching Semester will be the second semester of the senior year for most students. Students will be able to take only those courses listed, which will be accelerated, meeting daily for the first five weeks, just before the student goes on the field.*

STUDENT TEACHING

The student teaching semester occurs in the senior year and is devoted entirely to study in professional education and to student teaching. No student accepted for enrollment in student teaching is permitted to register for any courses other than those specified as professional education courses.

Students who wish to do student teaching during the senior year must file an application for student teaching with the Education Department at the beginning of the semester prior to the one in which student teaching is to begin. Application must be filed by March 15 for the FALL SEMESTER and by October 15 for the SPRING SEMESTER.

PREREQUISITES: STUDENT TEACHING

The following requirements must be met prior to student teaching:

1. A cumulative grade point average of 2.2 or better
2. A grade of **C** or better in required courses in education, psychology, and those courses offered in fulfillment of the student's major subject
3. Completion of general education requirements
4. Demonstrated proficiency in oral and written communication
5. Completion of all required education courses (except those taught concurrently with student teaching)
6. Approval of the Teacher Education Committee and the department of the student's major

Students will be notified by mail of the action taken on their application and of the semester in which they will do student teaching. It is expected that students will devote full time to student teaching.

Students entering Teacher Education in 1980 and thereafter must meet the following requirements before they are eligible for student teaching:

1. Satisfactory completion of the following number of non-credit clock hours in professional laboratory and field experiences—

Early Childhood Education—	124 clock hours
Intermediate Education—	120 clock hours
Secondary Education—	45 clock hours
2. Spend at least one full semester, following admission into Teacher Education, enrolled in at least one of the required courses in education.
3. Have a minimum grade of "C" in each required general education course in the areas of English, social science, mathematics, and science. This requirement does not replace but supplements existing requirements in Early Childhood, Intermediate and Secondary Education.

SPECIAL EDUCATION

Special education refers to the training given students who are exceptional in various ways: the learning disabled, the mentally retarded, the culturally different, the emotionally disturbed, the gifted, and the talented. This "special" education for mildly handicapped children will increasingly be provided in the regular classroom. Johnson C. Smith students who take elective courses in special education will be prepared to teach all children in the regular classroom.

EDUCATION 133 Introduction to Exceptional Children Three credit hours

A course concerned with the characteristics and problems of exceptional children, including the learning disabled, the mentally retarded, the emotionally disturbed, and the gifted and talented.

**EDUCATION 264 Practicum in Critical Observation
in Special Education**

Six credit hours

A sophomore practicum in critical observation for prospective teachers in which students spend five additional hours a week serving as a teacher's assistant and attend a weekly planned seminar.

EDUCATION 296 Psychology of the Exceptional

Three credit hours

An examination of psychological approaches to understanding a variety of handicapping and facilitating deviations from the usual. Emphasis on applications to educational settings. (Same as Psychology 230.)

**EDUCATION 399 Multidisciplinary Survey of
Special Education**

Three credit hours

A study of cultural, social, intellectual, and educational problems and issues in special education. Includes behavior modification, counseling and guidance, civil rights, cultural differences, diagnosis and assessment, inquiry and research, and teacher attitudes.

**EDUCATION 465 Individualizing Curriculum for
Special Education**

Six credit hours

Interpretation, design, development, and implementation of curriculum used in special education. Involves student teaching under supervision.

**EDUCATION 496 Multidisciplinary Transcategorical
Seminar**

Three credit hours

A course concerned with transcategorical issues in special education: therapy, classroom management, counseling, evaluation, prescriptive teaching, and mainstreaming.

GEOGRAPHY COURSES

GEOGRAPHY 130 Introduction to Geography

Three credit hours

A study of the basic cultural and physical elements of geography. Emphasis on climate, soils, natural vegetation, population distribution, and general land use.

GEOGRAPHY 131 World Regional Geography

Three credit hours

Analysis of the physical and cultural features that characterize and differentiate the geographical landscapes and regions of the world.

Department of Health and Physical Education

A student majoring in the area of Health and Physical Education must complete in (Option A) Health Education thirty-four (33) semester hours, or (Option B) Physical Education forty-three (42) semester hours, or (Option C) a combination of Health and Physical Education fifty-nine (59) semester hours.

Each student majoring in this area must complete Biology 140, Biology 146 and Biology 240. The student must earn an average of C in the above required science courses.

Students should consult listing for required courses in Option A, Option B, or Option C.

Students wishing to minor in the area of Health and/or Physical Education must consult with the department.

All students concentrating in the area are required to purchase

and wear the major uniform prescribed by the department. The department recommends and urges all students concentrating in this area to hold active membership in the American Alliance of Health Physical Education and Recreation. Membership in the campus Major Club is required.

Students in other departments may satisfy the general education requirement by enrolling in PE 121 and any two courses from PE 110 through 215. These students must wear the uniform prescribed by the department.

PHYSICAL EDUCATION SERVICE PROGRAM OFFERINGS

PHYSICAL EDUCATION	110	Basic Swimming	1
PHYSICAL EDUCATION	112	Intermediate Swimming	1
PHYSICAL EDUCATION	212	Basic Canoeing	1
PHYSICAL EDUCATION	213	Basic Skin Diving	1
PHYSICAL EDUCATION	114 A	Recreational Games	1
PHYSICAL EDUCATION	114 B	Recreational Games	1
PHYSICAL EDUCATION	115	Rhythm and Dance Activities	1
PHYSICAL EDUCATION	116 A	Team Sports	1
PHYSICAL EDUCATION	116 B	Team Sports	1
PHYSICAL EDUCATION	117 A	Physical Fitness	1
PHYSICAL EDUCATION	117 B	Physical Fitness	1
PHYSICAL EDUCATION	118 A	Self-testing Activities	1
PHYSICAL EDUCATION	118 B	Self-testing Activities	1

PROFESSIONAL HEALTH AND PHYSICAL EDUCATION COURSE OFFERINGS

PROFESSIONAL PHYSICAL EDUCATION OFFERINGS

PHYSICAL EDUCATION	210	Introduction to Health, Physical Education and Recreation	1
PHYSICAL EDUCATION	211	Skills and Techniques	1
PHYSICAL EDUCATION	026-027	Sports Officiating	2
PHYSICAL EDUCATION	215	Advanced Lifesaving	1
PHYSICAL EDUCATION	222	Physical Education in Elementary School	2
PHYSICAL EDUCATION	224	Dual and Single Games	2
PHYSICAL EDUCATION	227	Basic Swimming Instructor	2
PHYSICAL EDUCATION	228	Water Safety Instructor	2
PHYSICAL EDUCATION	323-324	Methods and Materials in Team Sports	4
PHYSICAL EDUCATION	325	Gymnastics and Stunts	2
PHYSICAL EDUCATION	327	Special Physical Education	2
PHYSICAL EDUCATION	329	Rhythms and Dance	2
PHYSICAL EDUCATION	330	Athletic Injuries and Safety	3
PHYSICAL EDUCATION	331	Organization and Administration of Physical Education & Health	3
PHYSICAL EDUCATION	333	Anatomy and Kinesiology	3
PHYSICAL EDUCATION	336	Principles of Physical Education	3
PHYSICAL EDUCATION	422	Materials and Methods in Teaching Physical Education	2
PHYSICAL EDUCATION	433	Major Practicum	3

PROFESSIONAL HEALTH COURSES OFFERINGS

HEALTH EDUCATION	221	Healthful Living	2
HEALTH EDUCATION	225	Health and Nutrition	2
HEALTH EDUCATION	226	Community Health	2
HEALTH EDUCATION	335	School Health Problems	3
HEALTH EDUCATION	434	Materials and Methods in Teaching Health Education	3
HEALTH EDUCATION	231	Human Sexuality	3
HEALTH EDUCATION	232	Drug, Alcohol and Tobacco Abuse	3
HEALTH EDUCATION	334	Principles, Procedures and Practices in Health Education	3
HEALTH EDUCATION	320	First Aid Emergency Care	2
HEALTH EDUCATION	433	Major Practicum	3
HEALTH EDUCATION	321	Cardiopulmonary Resuscitation	2

SCIENCE COURSES REQUIRED FOR ALL CONCENTRATIONS IN HEALTH, PHYSICAL EDUCATION AND RECREATION

BIOLOGY	140	Introductory Biology	4
BIOLOGY	146	Molecular Biology	4
BIOLOGY	240	Human Anatomy and Physiology	4

GENERAL EDUCATION REQUIREMENTS

ENGLISH COMPOSITION		English 190	6
WORLD LITERATURE		English 231-239	6
PHILOSOPHY/RELIGION			6
FINE ARTS		Arts 231	6
SOCIAL SCIENCE			12
MATHEMATICS			6 - 7
BIOLOGY	140	Introductory Biology	4
PHYSICAL SCIENCE	141		4
PHYSICAL EDUCATION	210-211		2
HEALTH EDUCATION	221	Healthful Living	2

PROFESSIONAL EDUCATION COURSE REQUIREMENTS FOR TEACHER CERTIFICATION

(Consult with the Education Department and Major Advisor)

- PE 110 BASIC SWIMMING** **One credit hour**
This is a swimming course that is designed to train students up through advanced beginner level of swimming. Prerequisites: None.
- PE 112 INTERMEDIATE SWIMMING** **One credit hour**
This course provides the student with the opportunity to develop a high level of proficiency in the American Crawl, Back Crawl, Elementary Backstroke, Sidestroke and Breaststroke as well as related aquatic skills. Prerequisites: Ability to pass PE 110.
- PE 212 BASIC CANOEING** **One credit hour**
This course is designed to acquaint the student with the basics and safety of small water craft. Prerequisites: Some swimming ability.

PE 213 BASIC SKIN DIVING **One credit hour**

This course is designed to aid the student with developing skills and knowledge of masks, fins and snorkels. Prerequisites: Ability to swim at the Advanced Beginner level.

PHYSICAL EDUCATION 114A Recreational Games **One credit hour**

A course in bowling, shuffleboard, handball, and badminton.

PHYSICAL EDUCATION 114B Recreational Games **One credit hour**

A course in tennis, paddle-tennis, golf, and archery.

PHYSICAL EDUCATION 115 Rhythm and Dance Activities **One credit hour**

A course consisting of a variety of rhythm and dance activities: folk, square; social, etc.

PHYSICAL EDUCATION 116A Team Sports **One credit hour**

A course in team sports: field hockey, basketball, and volleyball.

PHYSICAL EDUCATION 116B Team Sports **One credit hour**

A course in team sports; flag football, basketball, and volleyball.

PHYSICAL EDUCATION 117A Physical Fitness **One credit hour**

A course in physical fitness: exercises, weight training, and combination acts.

PHYSICAL EDUCATION 117B Physical Fitness **One credit hour**

A course in physical fitness: exercises, weight training, and combination acts.

PHYSICAL EDUCATION 118A Self-testing Activities **One credit hour**

A course in self-testing activities: elementary gymnastics, stunts, and tumbling. FALL SEMESTER.

PHYSICAL EDUCATION 118B Self-testing Activities **One credit hour**

A course consisting of self-testing activities: fundamentals of trampoline, stunts, and tumbling. FALL SEMESTER.

PHYSICAL EDUCATION 121 Personal Hygiene **Two credit hours**

A course in personal health and hygiene. Emphasis on total fitness: physical, mental, and emotional.

PHYSICAL EDUCATION 026 Sports Officiating I **Two credit hours**

A course designed to provide the student with the knowledge, skill and mechanics essential to athletic sports officiating in football, basketball and volleyball.

PHYSICAL EDUCATION 027 Sports Officiating II **Two credit hours**

Same as PE 026 except that the sports are swimming, baseball/softball, tennis, track and field.

PHYSICAL EDUCATION 210 Introduction to Health, Physical Education and Recreation **One credit hour**

This course is the first course for students majoring in health, physical education and recreation. It is an overview of the field and involves information concerning career opportunities and professional growth. The student identifies his/her specific area of interest.

PHYSICAL EDUCATION 211 Skills and Techniques One credit hour

This course provides opportunities for the professional student to develop competency in performing physical education skills.

PHYSICAL EDUCATION 215 Advanced Lifesaving One credit hour

A course designed to provide the student with skills and knowledge essential to qualify for American National Red Cross certification.

PHYSICAL EDUCATION 222 Physical Education in the Elementary School Two credit hours

A semester course designed to provide students with knowledge and practical experiences that will help them to teach effectively physical education to elementary school children. (Formerly Physical Education 223).

PHYSICAL EDUCATION 224 Dual and Single Games Two credit hours

Presentation to teaching methods of activities in which one or two persons may participate.

PHYSICAL EDUCATION 227 Basic Swimming Instructor Two credit hours

This course provides the student with the opportunity to develop the knowledge and skills essential for teaching Beginner and Advanced Beginner levels of swimming. Also the individual would be certified to teach Basic Water Safety and Rescue. Prerequisites: Ability to pass the Advanced Beginners level.

PHYSICAL EDUCATION 228 Water Safety Instruction Two credit hours

A course designed to train students to become certified water safety instructors. Prerequisite: Physical Education 215 or a current advanced lifesaving certificate.

PHYSICAL EDUCATION 323-324 Methods and Materials in Teaching Team Sports

This course is designed to provide the student with the opportunity to develop competencies in the utilization of methods and techniques of teaching team type activities, and use of teaching materials.

PHYSICAL EDUCATION 325 Gymnastics and Stunts Two credit hours

A course consisting of the fundamentals of gymnastics and stunts. Techniques of teaching gymnastics and stunts is a concern in this course.

PHYSICAL EDUCATION 327 Special Physical Education Two credit hours

A course designed to provide the professional student with the philosophy, knowledge, and methods of teaching physical education to the exceptional individual.

PHYSICAL EDUCATION 329 Rhythm and Dance Two credit hours

This is a course that deals with the fundamentals of rhythm and dance activities and methods and techniques of teaching.

PHYSICAL EDUCATION 330 Athletic Injuries and Safety Three credit hours

This course deals with the care prevention and treatment of athletic injuries and safety in sports.

HEALTH AND**PHYSICAL EDUCATION 331 Organization and Administration of Health, Physical Education and Recreation Three credit hours**

This course provides the student with the opportunity to develop the knowledge and competencies essential to organizing and administering Health, Physical Education and Recreation Programs.

PHYSICAL EDUCATION 333 Anatomy and Kinesiology Three credit hours

This course reinforces student knowledge of anatomy and provides the student with the opportunity to develop the competencies essential to analyzing physical activity performance.

PHYSICAL EDUCATION 336 Principles of Physical Education Three credit hours

Lecture course dealing with the underlying principles and meaning of physical education.

PHYSICAL EDUCATION 422 Methods and Material in Teaching Physical Education Two credit hours

A study of effective methods of teaching physical education and effective use of materials.

PHYSICAL EDUCATION 433 Major Practicum Three credit hours

This is primarily a laboratory course in which the students actually practice the utilization of methods, techniques and the use of materials under the direct supervision of staff.

HEALTH EDUCATION 221 Healthful Living Two credit hours

This course is designed to provide the student with the knowledge and techniques of health as it affects personal, professional and family living. Health careers is also an aspect of this course.

HEALTH EDUCATION 225 Health and Nutrition Two credit hours

This course deals with nutritional needs of the human body and its implications for healthful living.

HEALTH EDUCATION 226 Community Health Two credit hours

A study of the health aspects of the community such as sanitation, pollution, disease and others as they have implications for society.

HEALTH EDUCATION 231 Human Sexuality Three credit hours

This course deals with the concepts concerning sexuality and its implications for self, school and society.

HEALTH EDUCATION 232 Drugs, Alcohol and Tobacco Abuse Three credit hours

This course is concerned with the aspects of the use and abuse of drugs, alcohol and tobacco.

HEALTH EDUCATION 320 First Aid: Emergency Care Two credit hours

This course is designed to aid the student in developing the knowledge and competencies essential to emergency care through use of Red Cross first aid skills and techniques. Successful completion of this course carries Red Cross Certification as a First Aid Instructor.

**HEALTH EDUCATION 321 Cardiopulmonary Resuscitation:
Emergency****Two credit hours**

This course is designed to aid the student in developing the knowledge and competencies essential to emergency care of cardiac arrest victims. Successful completion of this course carries Red Cross Certification as a CPR Instructor.

**HEALTH EDUCATION 334 Principles, Procedures and
Practices in Health****Three credit hours**

The study of health education procedures to improve health learning and teaching in the school setting.

HEALTH EDUCATION 335 School Health Problems**Three credit hours**

A study of the school health program, its values, and its problems in developing health education in the secondary school.

HEALTH EDUCATION 433 Major Practice**Three credit hours**

This is primarily a laboratory course in which the student actually practices the utilization of methods, techniques and the use of materials under the direct supervision of staff.

HEALTH EDUCATION 434 Methods and Materials in**Teaching Health Education Three credit hours**

A course designed to provide the student with the opportunity to develop knowledge and competencies in the use of effective methods of teaching health education and effective use of resources.



OPTION A COURSE REQUIREMENTS FOR HEALTH EDUCATION CERTIFICATION 33

HEALTH & P.E.	210-211	Skill and Techniques	
HEALTH EDUCATION*	221	Healthful Living	2
HEALTH EDUCATION	335	School Health Problems	3
HEALTH EDUCATION	226	Community Health	2
HEALTH EDUCATION	231	Human Sexuality	3
HEALTH EDUCATION	232	Drug, Alcohol and Tobacco Abuse	3
HEALTH EDUCATION	434	Methods and Materials of Teaching Health Education	3
HEALTH EDUCATION	334	Principles, Procedures and Practices in Health Education	3
HEALTH EDUCATION	225	Health and Nutrition	2
HEALTH EDUCATION	320	First Aid Emergency Care	2
HEALTH EDUCATION	433	Major Practicum	3
HEALTH EDUCATION	321	Cardiopulmonary Resuscitation	2
HEALTH & PHYSICAL ED.	331	Organization and Administration	3

OPTION B PHYSICAL EDUCATION REQUIREMENTS FOR CERTIFICATION 42

PHYSICAL EDUCATION*	210-211	Skills and Techniques	2
PHYSICAL EDUCATION*	215	Advanced Lifesaving	1
PHYSICAL EDUCATION	222	Physical Education in the Elementary School	2
PHYSICAL EDUCATION	224	Dual and Single Games	2
PHYSICAL EDUCATION	323-324	Methods and Materials in Team Sports	4
PHYSICAL EDUCATION	325	Gymnastics and Stunts	2
PHYSICAL EDUCATION	327	Special Physical Education	2
PHYSICAL EDUCATION	329	Rhythms and Dance	2
PHYSICAL EDUCATION	330	Athletic Injuries and Safety	3
PHYSICAL EDUCATION & HEALTH EDUCATION	331	Organization and Administration of Physical Education & Health	3
PHYSICAL EDUCATION	333	Anatomy and Kinesiology	3
PHYSICAL EDUCATION	336	Principles of Physical Education	3
PHYSICAL EDUCATION	422	Materials and Methods in Teaching Physical Education	2
HEALTH EDUCATION	226	Community Health	2
HEALTH EDUCATION	335	School Health Problems	3
HEALTH EDUCATION	434	Materials and Methods in Teaching Health Education	3
PHYSICAL EDUCATION	433	Major Practicum	3

**Also satisfies General Education Requirements for Majors and Minors only.*

OPTION C COURSE REQUIREMENTS FOR HEALTH AND PHYSICAL EDUCATION CERTIFICATION				59
PHYSICAL EDUCATION	210	Skills and Techniques		1
PHYSICAL EDUCATION	211	Skills and Techniques		1
PHYSICAL EDUCATION	215	Advanced Lifesaving		1
PHYSICAL EDUCATION	222	Physical Education in the Elementary School		2
PHYSICAL EDUCATION	224	Dual and Single Games		2
PHYSICAL EDUCATION	323	Methods and Materials in Team Sports		2
PHYSICAL EDUCATION	324	Methods and Materials in Team Sports		2
PHYSICAL EDUCATION	325	Gymnastics and Stunts		2
PHYSICAL EDUCATION	327	Special Physical Education		2
PHYSICAL EDUCATION	329	Rhythms and Dance		2
PHYSICAL EDUCATION	330	Athletic Injuries and Safety		3
PHYSICAL EDUCATION & HEALTH EDUCATION	331	Organization and Administration of Physical Education & Health		3
PHYSICAL EDUCATION	333	Anatomy and Kinesiology		3
PHYSICAL EDUCATION	336	Principles of Physical Education		3
PHYSICAL EDUCATION	422	Materials and Method in Teaching Physical Education		2
HEALTH EDUCATION	221	Healthful Living		2
HEALTH EDUCATION	225	Health and Nutrition		2
HEALTH EDUCATION	226	Community Health		2
HEALTH EDUCATION	231	Human Sexuality		3
HEALTH EDUCATION	232	Drug, Alcohol and Tobacco Abuse		3
HEALTH EDUCATION	334	Principles, Procedures and Practices in Health Education		3
HEALTH EDUCATION	335	School Health Problems		3
HEALTH EDUCATION	434	Methods and Materials of Teaching Health Education		3
H/PE	433	Major Practicum		3
HEALTH EDUCATION	320	First Aid-Emergency Care		2
HEALTH EDUCATION	321	Cardiopulmonary Resuscitation		2

CURRICULUM FOR HEALTH AND PHYSICAL EDUCATION— TEACHER EDUCATION MAJOR (BACHELOR OF SCIENCE DEGREE)

Freshman Year

Fall Semester		Spring Semester	
	Credit Hours		Credit Hours
English 190 Composition	3	English 190 Composition	3
Philosophy/Religion	3	Philosophy/Religion	3
Art 231 Art Appreciation	3	Biology 146 Molecular Biology	4
Biology 140 Intro. to Biology	4	Math 132 Basic Math II	3
Math 131 Basic Math I	3	PE 211 Skill & Technique	1
PE 211 Intro. to HPER	1	HE 221 Healthful Living	2
	—	Ed. 121 Intro. to Educ.	2
	17		—
			18

Sophomore Year

Fall Semester		Spring Semester	
	Credit Hours		Credit Hours
English 231 Literature	3	English 232 Literature	3
History	3	History	3
Psychology 131	3	Social Science	3
Biology 240 Anat. & Physio.	4	Music 131 Mus. Lit.	3
PE 330 Athletic Injuries	3	PE 222 PE in Elem. School	2
HE 226 Comm. Health	2	HE 225 Health and Nutrition	2
	—	PE 224 Dual and Sgl. Games	2
	18		—
			18

Junior Year

Fall Semester		Spring Semester	
	Credit Hours		Credit Hours
PE 325 Gymnastics	2	PE 336 Prin. of PE	3
PE 323 M & M Team Sports	2	PE M & M Team Sports	2
Psy 237 Psych of Adolescence	3	PE 327 Spec. PE	2
PE 331 Org. & Adm.	3	HE 335 Sch. Health Prob.	3
PE 333 Kinesiology	3	HE 320 First Aid	2
Ed 393 Readings in Sec. Sch.	3	Ed. 239 Educ. Psych.	3
	—	Ed. 230 Foundation	3
	17		—
			18

Senior Year

Fall Semester		Spring Semester	
	Credit Hours		Credit Hours
PE 329 M & M in Rhythm & Dance	2	PE 422 M & M in Teaching PE	2
HE 321 Cardiopulmonary Resuscitation	2	PE 434 M & M in Teaching HE	3
HPER 433 Major Practicum	3	Educ. 432 Pre-student Teaching	3
Educ. 322 Meas. & Eval.	2	Educ. 462 Student Teaching	6
HE 334 Prin. Proc. & Prac.	3		—
HE 332 Drug, Alcohol & Tobacco	3		14
HE 231 Human Sexuality	2		
	—		
	17		

DEPARTMENT OF PSYCHOLOGY

The aim of the Department of Psychology is to provide students with curricular experiences that will either equip them to enter psychology departments of graduate schools, or strengthen them in their pursuit of concentrations in other disciplines, or provide them with a general background that will assist them in daily living.

Psychology 131 or its equivalent is prerequisite to all other courses in psychology and is credited toward the major and minor requirements. A major in psychology consists of thirty (30) credit hours which, in addition to Psychology 131, must include Psychology 132, 233, 333, and two of the following “cafeteria” courses: Psychology 330, 332, 338, 339 and 435. The remaining credits will consist of free electives. A minor in psychology consists of eighteen (18) credit hours which, in addition to Psychology 131, must include Psychology 132 and two of the following courses: Psychology 233 (prerequisite Mathematics 136), 330, 332, 333 (prerequisite 233), 338 and 435. Electives will make up the remaining credits.

Students planning to major in psychology should take in the freshman year Psychology 131 and 132 and Mathematics 136, a prerequisite of Psychology 233, a major requirement. (For psychology majors, the combination of Mathematics 136 and Psychology 233 will fulfill the University requirements in mathematics. Whether or not students are eligible to take Mathematics 136 as their first course in mathematics will depend upon their performance on placement tests in mathematics.)

PSYCHOLOGY 131 General Psychology I**Three credit hours**

A course designed to provide an understanding of behavior through the study of growth and development, motivation, emotion, learning, personality, intelligence, and other related topics. FALL and SPRING SEMESTERS.

PSYCHOLOGY 132 General Psychology II**Three credit hours**

A more intensive and rigorous treatment of selected topics within general psychology. Special emphasis on experimental procedures. Laboratory demonstrations and participation. FALL and SPRING SEMESTERS.

PSYCHOLOGY 230 Psychology of the Exceptional**Three credit hours**

An examination of psychological approaches to understanding a variety of handicapping and facilitating deviations from the usual. Emphasis on applications to educational settings. (Same as Education 296.) SPRING SEMESTER.

PSYCHOLOGY 233 Psychological Statistics**Three credit hours**

The application of inferential statistics to data in the social sciences. Emphasis on normal, chi-square, t, and F distributions, regression, and hypothesis testing. Prerequisite: Mathematics 136 or its equivalent. (Same as Sociology 233.) FALL and SPRING SEMESTERS.

PSYCHOLOGY 234 Experimental Designs**Three credit hours**

Psychology 234: Statistical Design **Three credit hours**
Presentation of various statistical designs used in psychological research. Emphasis on the analysis of variance. Prerequisite: Psychology 233 or its equivalent. **SPRING SEMESTER.**

- PSYCHOLOGY 235 Psychology of Childhood** **Three credit hours**
 A study of the development of children from conception to adolescence. The biological factors and social forces that affect the growing child are dealt with, as are cognitive and moral development, learning, maturation and family relationships. FALL and SPRING SEMESTERS.
- PSYCHOLOGY 237 Psychology of Adolescence** **Three credit hours**
 The psychology of behavior arising from the problems peculiar to the transitional period between childhood and maturity. FALL and SPRING SEMESTERS.
- PSYCHOLOGY 239 Educational Psychology** **Three credit hours**
 A study of the theories of education and the principles of classroom learning. Concepts dealing with the acquisition of knowledge and interpersonal social relations are emphasized. The practical application of these principles are incorporated. FALL and SPRING SEMESTERS.
- PSYCHOLOGY 330 The Psychology of Learning** **Three credit hours**
 A study of the facts and theories of human and animal learning. SPRING SEMESTER.
- PSYCHOLOGY 332 The Psychology of Perception** **Three credit hours**
 A study of the basic phenomena of perception as determined by conditions in the external situation and within the perceiver. FALL SEMESTER.
- PSYCHOLOGY 333 Experimental Psychology I** **Three credit hours**
 Theory, methods, and techniques of experimental psychology through investigations of psychophysics, scaling, sensation, and human learning. Two hours of lecture and two hours of laboratory work per week. Prerequisite: Psychology 233 or its equivalent. FALL and SPRING SEMESTERS.
- PSYCHOLOGY 334 Experimental Psychology II** **Three credit hours**
 Theory, methods, and techniques of experimental psychology through investigations of animal learning, perception, social interaction, and aesthetics. Two hours of lecture and two hours of laboratory work per week. Prerequisite: Psychology 333 or permission of the instructor. SPRING SEMESTER.
- PSYCHOLOGY 336 Psychology of Religion** **Three credit hours**
 A study of the psychological factors in religious experience and the dynamic patterns affecting religious adjustment and maladjustment. Special attention to the problems of sin, guilt, conversion, and religious beliefs. Alternate years. (Same as Religion 334.) FALL SEMESTER.
- PSYCHOLOGY 338 Personality Theory** **Three credit hours**
 An introduction to some of the major theories of personality and their implications for daily living. The contents and functions of personality theories are explored. FALL SEMESTER.
- PSYCHOLOGY 339 Principles of Psychological Measurement** **Three credit hours**
 An introduction to psychological testing with the functions and origins of the area explored. Basic characteristics of assessment techniques are studied, such as, the establishment of reliability and validity. Students are introduced to some of the major psychological tests available today. Laboratory experience in test administration and interpretation is provided. SPRING SEMESTER.

PSYCHOLOGY 430 Psychology of Speech**Three credit hours**

The psychological principles involved in oral communication and their application to special individual and group problems. (Same as Speech 430.) SPRING SEMESTER.

PSYCHOLOGY 431 Social Psychology**Three credit hours**

Problems, concepts, and methods in the study of social interaction and interpersonal influence. (Same as Sociology 431.) SPRING SEMESTER.

PSYCHOLOGY 432 Abnormal Psychology**Three credit hours**

A study of the basic facts and theories of abnormal behavior from the psychologist's point of view. Provision is made for discussion of current and critical issues of mental disturbance. FALL SEMESTER.

PSYCHOLOGY 434 Introduction to Clinical Psychology**Three credit hours**

A study of the historical development of clinical psychology and an exploration of the theories of personality and behavior, the techniques and problems of diagnosis and personality assessment, the research role of the clinical psychologist, the diversity of psychotherapeutic approaches, community psychology and mental health, and professional issues related to the training and practice of clinical psychologists. SPRING SEMESTER.

PSYCHOLOGY 435 Theoretical Psychology**Three credit hours**

A comprehensive review of the development of the field of psychology and the systems and theories of psychology that have evolved out of their historical roots. Contemporary trends in each area of the discipline are explored. FALL SEMESTER.

PSYCHOLOGY 436, 426, 416 Independent Research in Psychology**One (416), two (426), or three (436) credit hours**

Independent investigation of topics of special interest. Prerequisites: junior classification, six hours in psychology, approval of faculty supervisor. May be repeated. FALL and SPRING SEMESTERS.

PSYCHOLOGY 437 Individual Psychological Tests I**Three credit hours**

The administration and interpretation of tests for preschool and elementary school children. Prerequisites: Mathematics 136, Psychology 339, and nine additional hours in psychology. FALL SEMESTER.

PSYCHOLOGY 438 Individual Psychological Tests II**Three credit hours**

The administration and interpretation of tests at the adolescent and adult levels. Prerequisites: Mathematics 136, Psychology 339, and nine additional hours in psychology. SPRING SEMESTER.

PSYCHOLOGY 460 Internship in Psychology**Six credit hours**

An opportunity for students, under supervision, to participate in such professional psychological activities as testing, counseling, job placement, group therapy, and research. NOTE: Each student will be responsible for 160 to 200 hours of work in a selected community agency and for participation in periodic seminars. FALL and SPRING SEMESTERS.

CURRICULUM FOR PSYCHOLOGY MAJORS

Freshman Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
English 190A	3	English 190B	3
Psychology 131	3	Psychology 132	3
Foreign Language 131	3	Foreign Language 132	3
Mathematics 131 or 132	3	Mathematics 136	3
Fine Arts	3	Religion 130	3
	—	Physical Education 121	2
	15		—
			17

Sophomore Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
English 231	3	English 232	3
Psychology 233	3	Physical Science 141	4
Psychology Elective 200 level	3	Psychology Elective 200 level	3
Foreign Language 231	3	Foreign Language 232	3
Biology 140	4	Social Science	3
Physical Education Activity	1	Physical Education Activity	1
	—		—
	17		17

Junior Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
Psychology 333	3	Psychology "Cafeteria Requirement"	3
Fine Arts	3	Psychology Electives	6
Social Science	3	Electives	6
Philosophy 131	3		—
Psychology "Cafeteria Requirement"	3		15
	—		
	15		

Senior Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
Psychology Electives	6	Psychology Electives	6
Electives	9	Electives	9
	—		—
	15		15

DIVISION IV: MATHEMATICS AND SCIENCES

The Departments of Biology, Chemistry, Mathematics, and Physics constitute the Division of Natural Science and Mathematics. Students may elect a major in biology, chemistry, mathematics, or physics-mathematics. All departments will provide work for a minor.

Premedical, pre dental, and other preprofessional programs may be arranged. (See Biology and Chemistry.)

GENERAL SCIENCE MAJOR

A major in general science consists of Biology 143-144, Chemistry 141-142, Computer Science 231, Mathematics 133-134, Physics 241-242, 12 additional semester hours in courses above the 100-level in one of the three sciences (biology, chemistry, and physics) and 3 additional semester hours above the 100-level in another of the three sciences.

DEPARTMENT OF BIOLOGY

The Department of Biology attempts to develop an understanding of life through a comprehensive and penetrating study of the concepts, methodology, and philosophy of biology. The department hopes to provide an environment in which the broad themes of biology may be discussed and their relevance to other disciplines appreciated. In addition, the department attempts to prepare students for graduate work, research, and training for professional service in medicine, dentistry, medical technology, other health science fields, and related areas, including education.

A major in biology requires a minimum of thirty-two credit hours in biology; these thirty-two hours must include Biology 143, 144, 411, and 412. The other twenty-two credit hours must include at least one course from each of two groups. Group I consists of Biology 241, 331, 340, 343 and 345; group II consists of Biology 242, 342, 440, and 442. Biology 140, 146 and 240 are for non-majors and may **not** be used to satisfy major requirements.

The biology major also requires thirty hours of related science and mathematics courses; these courses are Chemistry 141, 142, 341, and 342, Mathematics 133 and 134, and Physics 241 and 242. In all supporting courses listed above, a minimum of grade "C" is required.

A minor in biology requires twenty credit hours of biology courses, of which twelve credit hours must be in courses above the 100-level.

A biology major who wishes to teach biology in secondary schools may fulfill requirements for this major by taking the following courses:

Education 121, 230, 322, 393, 395, 432, and 462;

Psychology 131, 237, 239;

Physical Education 226 and two P.E. activity courses;

Chemistry 141, 142, and 341;

Mathematics 133 and 134;

Biology 143, 144, 411, 412, and 434;

Twenty additional credit hours of biology courses from the following two groups:

Biology 241, 331, 340, 343, or 345 (**at least one of these**)

Biology 242, 342, 440, or 442 (**at least one of these**)

Substitution for courses may be authorized by the head of the department and filed with the registrar.

BIOLOGY 140† Introductory Biology **Four credit hours**

A study of the plant and animal kingdom. A general treatment of the structure, function, and continuity of living organisms. Lectures: three hours a week. Laboratory: two hours a week.

BIOLOGY 143 General Zoology **Four credit hours**

A study of the structures, functions, environmental relationships, origin, and development of animals. Fulfills the requirements for a major in biology. Lectures: two hours a week. Laboratory: four hours a week.

BIOLOGY 144 General Botany **Four credit hours**

A study of the morphology, physiology, heredity, and evolution of plants, including a survey of the plant kingdom. Emphasis on life cycles. Lectures: two hours a week. Laboratory: four hours a week.

BIOLOGY 146 Molecular Biology **Four credit hours**

A study of the physical and chemical aspects of cellular activity. Fulfills requirements for the physical education major. Lectures: three hours a week. Laboratory: two hours a week.

BIOLOGY 240 Human Anatomy and Physiology **Four credit hours**

A study of the basic structure and functions of man, both descriptive and experimental. Prerequisite: Biology 140. Fulfills requirements for the physical education major. Lectures: three hours a week. Laboratory: two hours a week.

BIOLOGY 241 Cell Biology **Four credit hours**

A detailed study of the structure, organization, physiological activities, and ecology of plant and animal cells. Prerequisites: Biology 143 and 144. Lectures: two hours a week. Laboratory: four hours a week.

BIOLOGY 242 Ecology **Four credit hours**

Relationships between organisms and their environment. Emphasis on the climatic, edaphic, physiographic, and biotic principles involved. Prerequisites: Biology 143-144. Lectures: two hours a week. Laboratory: four hours a week. Several field trips to be included.

†May be used to satisfy general education requirements and physical education major.

- BIOLOGY 331 Laboratory Technique** **Three credit hours**
 An interdisciplinary course in laboratory methods which will include chromatography, electrophoresis, spectrophotometry, and electroanalytic methods. Designed for prospective teachers and for students interested in medicine, dentistry, or allied health professions. Prerequisites: Biology 143-144 and Chemistry 141-142. Corequisite: Physics 241. Lecture: one hour a week. Laboratory: four hours a week.
- BIOLOGY 340 Genetics** **Four credit hours**
 The transfer of hereditary characteristics studied at the molecular, organismic, and species levels. Prerequisites: Biology 143-144 or the equivalent, Chemistry 141-142, Mathematics 333 or the equivalent. Organic chemistry recommended. Lectures: three hours a week. Laboratory: two hours a week.
- BIOLOGY 342 Microbiology** **Four credit hours**
 An introduction to the study of microorganisms. Special emphasis on their relationship to man. Prerequisites: Biology 143-144. Chemistry recommended. Lectures: two hours a week. Laboratory: four hours a week.
- BIOLOGY 343 Histology** **Four credit hours**
 Instruction in the technique of preparing tissues of microscopic observation. The examination and detailed study of various tissues. Prerequisites: Biology 143-144. Lectures: two hours a week. Laboratory: four hours a week.
- BIOLOGY 345 Embryology** **Four credit hours**
 A study of the development process in animals. Special reference to the frog, chick, pig, and man. Prerequisites: Biology 143-144. Lectures: two hours a week. Laboratory: four hours a week.
- BIOLOGY 410, 420, 430 Research Problems in Biology** **One to three credit hours**
 Independent or team work in laboratory investigation of some aspects of biology. Progress reports, discussions, and presentation of results. Work permitted to extend over several semesters. Prerequisite: approval of the research director.
- BIOLOGY 411-412 Seminar** **One credit hour**
 Independent work on recent findings of some aspect of biology. Prerequisite: approval of the seminar coordinator and the head of the department.
- BIOLOGY 434 Methods in Teaching Science in the Secondary Schools** **Three credit hours**
 A study of the current approaches, texts and materials used in teaching science in the secondary schools. Junior level and approval of instructor required.
- BIOLOGY 440 Integrated Physiology** **Four credit hours**
 An analysis of the processes by which vertebrates and invertebrates maintain, regulate, and perpetuate their structural and functional integrity. Prerequisites: Biology 143-144, Chemistry 141-142, and Chemistry 243 or 341. Lectures: two hours a week. Laboratory: four hours a week.
- BIOLOGY 442 Comparative Anatomy** **Four credit hours**
 A general study of the various vertebrate types, including mammals. A detailed laboratory study of the gross anatomy of a specimen of fish, amphibian, reptile, bird, and mammal. Prerequisites: Biology 143-144. Lectures: two hours a week. Laboratory: four hours a week.

CURRICULUM FOR BIOLOGY MAJORS
(Bachelor of Science Degree)

Freshman Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
Math 133—Elementary Functions and Trigonometry*	3	Math 134—Introductory Analysis*	3
Biology 143—General Zoology	4	Biology 144—General Botany	4
English 190*	3	English 190*	3
French 131—Elementary French**		French 132—Elementary French**	
OR		OR	
Spanish 131—Elementary Spanish	3	Spanish 132—Elementary Spanish	3
Humanities and Fine Arts Elective—		Humanities and Fine Arts Elective—	
Philosophy or Religion	3	Music, Drama, Art, or Speech	3
Physical Education Elective (Activity)	1	Physical Education Elective (Activity)	1
	—		—
	17		17

Sophomore Year

Fall Semester		Spring Semester	
Chemistry 141—General Chemistry	4	Chemistry 142—General Chemistry	4
Physics 241—General Physics	4	Physics 242—General Physics	4
Biology 241—Cell Biology	4	Biology 242—Ecology	4
English 231—World Literature	3	English 232 or 235—World Literature or Introduction to Fiction	3
Physical Education 121—Personal Hygiene	2	Social Studies Elective	3
	—		—
	17		18

Junior Year

Fall Semester		Spring Semester	
Chemistry 341—Organic Chemistry	4	Chemistry 342—Inorganic Chemistry	4
Biology 331—Laboratory Technique	3	Biology 412—Seminar	1
Biology 411—Seminar	1	Biology 343—Histology	4
Social Studies Elective	3	Biology 410, 420, 430—Research	1-2-3
Humanities and Fine Arts Elective—Philosophy or Religion	3	Social Studies Elective	3
Elective	3	Humanities and Fine Arts Elective—Drama, Art, or Speech	3
	—		—
	17		16-18

Senior Year

Fall Semester

Chemistry 333—Biochemistry**	3
Biology 340—Genetics	4
Biology 440—Integrated Physiology	4
Biology 410, 420, 430— Research	1-2-3
Elective	3

15-17

Spring Semester

Chemistry 334—Biochemistry**	3
Biology 342—Microbiology	4
Biology 345—Embryology	4
Social Studies Elective	3
Elective	3

17

**Mathematics and English courses in the freshman year: dependent upon placement results.*

***Recommended course.*

DEPARTMENT OF CHEMISTRY

The courses in chemistry are designed to enable students to acquire a general knowledge of chemistry, to equip those students who plan to teach, and to give a basic foundation to those students who plan to study medicine, to work in industry, or to pursue advanced work in chemistry.

A major in chemistry requires a minimum of thirty-four credit hours; a minor requires a minimum of twenty-two credit hours. Course requirements for the major in chemistry are Chemistry 141-142, 241-242, 341-342, 411-412, 422, and 431-432. In addition to required courses in chemistry, Physics 241-242 and Mathematics 241-242 are also required. In all of the above listed courses in Chemistry, Physics and Mathematics, a minimum grade of "C" is required for graduation.

A chemist major who wishes to teach in secondary school may fulfill requirements for this major by taking the following courses: Chemistry 141-142, 241-242, 341-342, 411-431, and 434; Physics 241-242; Math 241-242; Ed. 121, 230, 322, 395, 393, 432, and 462; P.E. 226; and Psy. 131, 237 and 239.

CHEMISTRY 141-142† General Chemistry Four credit hours

A discussion of the fundamental principles of chemistry in relation to the physical and chemical properties of the nonmetallic and metallic elements and their compounds. Prerequisite or corequisite: Introductory Analysis I (Mathematics 133) or a mathematics course above the 133 level.

Three lectures and two two-hour laboratory periods.

CHEMISTRY 241 Analytical Chemistry Four credit hours

The theory and practice of measurement as applied to representative volumetric and gravimetric determinations. Prerequisite: Chemistry 142 with a grade of C or better. Three lectures and two two-hour laboratory periods.

CHEMISTRY 242 Instrumental Methods of Analysis Four credit hours

A discussion of the theoretical principles of modern instrumentation. Appropriate experiments to complement the discussion. Prerequisite: Chemistry 241 or consent of instructor. Two two-hour laboratory periods.

CHEMISTRY 313-314 Biochemistry Laboratory **One credit hour**

Courses to accompany Chemistry 333-334. Two two-hour laboratory periods a week.

CHEMISTRY 331 Inorganic Chemistry **Three credit hours**

A study of the theoretical and descriptive aspects of inorganic chemistry, emphasizing the relationship between atomic and molecular structure and chemical and physical properties. Prerequisite: Chemistry 241.

CHEMISTRY 333-334 Biochemistry **Three credit hours**

A study of biochemical processes and molecular reactions in living systems, including a study of carbohydrates, lipids, proteins, metabolic reactions, and energy considerations. Prerequisites: Biology 143-144, Chemistry 141-142 and 341-342. Lectures: three hours a week.

CHEMISTRY 341-342 Organic Chemistry **Four credit hours**

The principles of organic chemistry as illustrated by the preparation and study of typical representatives of the aliphatic and aromatic series. Prerequisite: Chemistry 142 with a grade of **C** or better. Three lectures and two two-hour laboratory periods.

CHEMISTRY 430 Advanced Organic Chemistry **Three credit hours**

Topics of current interest in theoretical and practical organic chemistry, including mechanisms of reactions and synthetic methods. Prerequisite: Chemistry 342.

CHEMISTRY 411-412 Selected Experiments in Physical Chemistry **One credit hour**

Courses to accompany 431-432. Two two-hour laboratory periods.

CHEMISTRY 420-421 Chemistry Seminar **Two credit hours**

Presentation and discussion of selected topics from the major areas of chemistry. Oral and written reports required. Prerequisite: consent of instructor.

CHEMISTRY 422, 423, 424, 425 Laboratory Projects in Chemistry **Two to eight credit hours**

Advanced laboratory investigation designed to allow the student to become actively involved in chemistry research either by participating in faculty designed projects or by pursuing individual interests approved by the staff. Prerequisite: junior standing or consent of staff.

CHEMISTRY 431-432 Physical Chemistry **Three credit hours**

The principles of chemistry and physics as applied to the properties and behavior of gases, liquids, solids, and solutions. A discussion of modern concepts in the properties and behavior or aggregation of atoms and molecules. Prerequisites: Physics 242 or 244, Calculus I, and Chemistry 241.

CHEMISTRY 434 Methods In Teaching Science in the Secondary School **Three credit hours**

A study of the current approaches, texts and materials used in teaching science in the secondary schools. Junior standing and approval of department chairman required.

PHYSICAL SCIENCE 141 Physical Science **Four credit hours**

A study of the physical universe, including space, energy, and structure of matter. A terminal course fulfilling general education requirements for non-majors in science. Lectures: three hours per week. Laboratory: two hours per week.

CURRICULUM FOR CHEMISTRY MAJORS

Freshman Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
General Chemistry 141	4	General Chemistry 142	4
English Composition	3	English Composition	3
Mathematics 133	3	Mathematics 134	3
Foreign Language	3	Foreign Language	3
Social Science Requirement	3	Social Science Requirement	3
Physical Education	1	Physical Education	1
	—		—
	17		17

Sophomore Year

Fall Semester		Spring Semester	
Organic Chemistry 341	4	Organic Chemistry 342	4
Foreign Language	3	Foreign Language	3
Calculus I	4	Calculus II	4
Physics 243 (or 241)	4	Physics 244 (or 242)	4
Physical Education 121	2	Humanities Requirement	3
	—		—
	17		18

Junior Year

Fall Semester		Spring Semester	
Analytical Chemistry 241	4	Analytical Chemistry 242	4
World Literature	3	World Literature	3
Humanities Requirement	3	Humanities Requirement	3
Social Science Requirement	3	Social Science Requirement	3
General Zoology 143	4	Elective*	3
	—		—
	17		16

Senior Year

Fall Semester		Spring Semester	
Physical Chemistry 431	3	Physical Chemistry 432	3
Selected Exp. in P. Chem. 411	1	Selected Exp. in P. Chem. 412	1
Humanities Requirement	3	Electives*	12
Lab. Projects in Chem. 422	2		—
Electives	7		16
	—		
	16		

*Recommended electives:

Biochemistry
Calculus III
Linear Algebra

Computer Science
Laboratory Projects in Chemistry

DEPARTMENT OF MATHEMATICS AND PHYSICS

MATHEMATICS

The objectives of the Department of Mathematics are as follows: to provide students with mathematical background for general and professional education, to prepare students for advanced study in mathematics, to prepare students to become mathematics teachers, to prepare students for employment in applied mathematics, and to develop appreciation for mathematics as a science.

A major in mathematics consists of thirty-three credit hours in mathematics. The following courses are required: Mathematics 241-242, 333, 335 or 439, 336, 341, 427, and 428. Students majoring in mathematics must also take eight credit hours of physics or four credit hours of physics and Computer Science 231.

A minor in mathematics consists of twenty-one credit hours of mathematics only or fifteen credit hours of mathematics and six credit hours of business, marketing, or economics. Required courses for a minor are Mathematics 136 or 333, 241-242, and 336. Electives include any mathematics courses above Mathematics 150 or 241 and any two of the following: Business 333, Economics 432, and Marketing 331 or 431.

Additional courses for the student majoring in mathematics may be selected from the track most appropriate for his postcollege plans.

TRACK 1: Graduate Study (Mathematics 334, 431, and another three-credit mathematics course)

TRACK 2: Teacher of Mathematics (Mathematics 136 or 334, 330, 420, 423 and 424, 434 or 426, and two credit hours of independent study; Education 121, 230, 322, 393, and 395; Psychology 131, 237, and 239; Physical Education 226)

TRACK 3: Computer Science (Mathematics 434 and twelve credit hours in computer science)

TRACK 4: Business (Mathematics 136, Computer Science 231-232, Economics 131-132, Accounting 235-236, and these electives: Business 332-333, Marketing 331 or 431, and six credit hours in accounting or economics)

Placement

All entering freshmen are required to take the Mathematics Placement Test. Students whose performance demonstrates a need for arithmetic will be required to enroll in Math 130. Other students will enroll in Math 131 or a more advanced math course based upon performance on the placement test. Students who are required to enroll in Math 130 must take Math 131 before taking Math 132.

The Mathematics Advanced Placement Test is also given for students who desire to satisfy the general education requirement by taking higher level courses. A satisfactory advanced placement score will exempt students from Math 130, 131, and permit them

to enroll immediately in Math 132, 133, 136, 150, or 241. All students must earn at least six hours above Math 130 to satisfy the general education mathematics requirement.

MATHEMATICS 130 Fundamental Arithmetic **Three credit hours**
Fundamental operations of arithmetic with applications.

MATHEMATICS 131 Basic Mathematics I **Three credit hours**
Basic fundamental algebra; real numbers and their properties; terms, expressions and factoring; linear and quadratic equations; exponents, and logarithms; practical applications involving word problems.

MATHEMATICS 141 Basic Mathematics I **Four credit hours**
Basic fundamentals of arithmetic and algebra, real numbers and their subsystems with emphasis on their properties and applications. A two-hour laboratory is required. Required of all students who entered prior to 1979 with deficiencies in mathematics.

MATHEMATICS 132 Basic Mathematics II
A continuation of the development of real numbers with applications, finite mathematical systems, topics from number theory, selective topics from probability and statistics, functional relationships, ratio and proportion, sequences, and progressions. Prerequisite: Mathematics 131 or 141, or specified score on placement test.

MATHEMATICS 133 Introductory Analysis I **Three credit hours**
The course covers basic rules and manipulative techniques of algebra, the real numbers, and elementary functions. Prerequisite: Satisfactory score on Placement Test or Math 131.

MATHEMATICS 134 Introductory Analysis II **Three credit hours**
A continuation of the development of algebra, trigonometry statistics and polynomial calculus with applications. This course is designed for non-specializing students. Prerequisite: Mathematics 133 or the equivalent.

MATHEMATICS 136 Introductory Statistics **Three credit hours**
A course for majors in areas other than mathematics. Descriptive statistics, introductory probability, the normal curve, linear correlation and regression. Prerequisite: Mathematics 131 or the equivalent.

MATHEMATICS 138 Modern Business **Three credit hours**
Compound interest, annuities, bonds, sinking funds, depreciation and taxes. Prerequisite: Mathematics 131 or the equivalent.

MATHEMATICS 150 College Algebra and Trigonometry **Five credit hours**
Sets, number fields, equations and inequalities; introduction to analytic geometry; algebraic, exponential, logarithmic, and trigonometric functions. Prerequisite: Mathematics 133 or the equivalent. A student may not receive credit for both Math 134 and 150.

MATHEMATICS 210 Statistical Laboratory **Three credit hours**
A supporting course for Mathematics 136. Two one-hour laboratory periods per week.

MATHEMATICS 241-242 Calculus I and II **Three credit hours**
Plane analytic geometry, fundamental concepts of differentiation, and integration with applications. Prerequisite: Mathematics 134 or 150.

- MATHEMATICS 330 Modern Geometry** **Three credit hours**
The logical structure and use of Euclidean Geometry. The relationship of Euclidean geometry to other geometries. Prerequisite: Mathematics 241.
- MATHEMATICS 333-334 Probability and Statistics** **Three credit hours**
Elements of probability theory, mathematical statistics and applications. Prerequisite: Mathematics 242 for part I and Mathematics 341 for part II.
- MATHEMATICS 335 Introductory Abstract Algebra** **Three credit hours**
Elementary set theory and logic, mapping, groups, rings, integral domain, fields, and polynomials. Prerequisite: 150 or the equivalent.
- MATHEMATICS 336 Introductory Linear Algebra** **Three credit hours**
Systems of linear equations, vector spaces, linear transformations, theory and applications of matrices and determinants. Prerequisite: 150 or the equivalent.
- MATHEMATICS 337 Mathematics for Early Childhood-Intermediate School Teachers I** **Three credit hours**
Sets, development of whole numbers, natural numbers, fractions and integers with emphasis on their properties; the concept of number and numeral algorithms, and the metric system. Prerequisite: Mathematics 132.
- MATHEMATICS 338 Mathematics for Early Childhood-Intermediate School Teachers II** **Three credit hours**
Real numbers with emphasis on their properties, logic, relations and functions; the concept of measure; measurement including the metric system; topics from intuitive geometry; exposure to algorithms and innovative methods of teaching mathematics to students with a wide range of abilities. Prerequisite: Mathematics 337.
- MATHEMATICS 341 Calculus III** **Three credit hours**
Extension of the calculus to several variables, vector analysis, infinite series and line integrals. Prerequisite: Mathematics 242.
- MATHEMATICS 420 Materials and Methods in High School Mathematics** **Two credit hours**
Modern methods and materials for teaching mathematics to high school students. Prerequisite: Mathematics 242 and 335 or 336.
- MATHEMATICS 423-424 Internship in Mathematics** **Two credit hours**
A two-part course designed to provide experience in laboratory approaches to the teaching of mathematics. Covers such topics as the use of audio-visual aids, programmed materials, and the designing of special mathematical activities to meet the needs of under-prepared students. Prerequisite: junior or senior with a major or minor in mathematics.
- MATHEMATICS 427-428 History and Foundations of Mathematics** **Two credit hours each semester**
History of mathematics up to 1600 through creative problem solving. Development of modern mathematics (the use of set theory in algebra, analysis, geometry) and the pioneers, beginning with Descartes. Prerequisite: Mathematics 242 or the equivalent.
- MATHEMATICS 431-432 Advanced Calculus** **Three credit hours**
A real variable approach to calculus. Prerequisite: Mathematics 341.

MATHEMATICS 434 Elementary Differential Equations Three credit hours
A general course in ordinary differential equations. Prerequisite: Mathematics 341.

Reading in Mathematics

Qualified students in mathematics may take any of the following courses as individual independent study units. Under certain circumstances, any of these courses may take the form of a regular class. Prerequisite: consent of the instructor.

MATHEMATICS 315, 316, 415, 416 Independent Study in Mathematics		One to four credit hours
MATHEMATICS 421	Topics in Analysis	Two credit hours
MATHEMATICS 422	Topics in Complex Variables	Two credit hours
MATHEMATICS 426	Topics in Number Theory	Two credit hours
MATHEMATICS 429	Topics in Statistics	Two credit hours
MATHEMATICS 436	Topics in Numerical Methods	Three credit hours
MATHEMATICS 439	Topics in Modern Algebra	Three credit hours

CURRICULUM FOR MATHEMATICS MAJORS

Freshman Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
Math 133	3	Math 150	5
English Composition	3	English Composition	3
Foreign Language	3	Foreign Language	3
Fine Arts	3	Fine Arts	3
CSC 231	3	CSC 232	3
Physical Education	2	Physical Education (Activity)	1
<hr/>		<hr/>	
17		18	

Sophomore Year

Fall Semester		Spring Semester	
Math 241	4	Math 242	4
Math 136	3	Math 336	3
Phys. 243	4	Phys. 244	4
World Literature	3	World Literature	3
Physical Education (Activity)	1	Social Science	3
Social Science	3	<hr/>	
<hr/>		17	
18			

Junior Year

Fall Semester		Spring Semester	
Math 427	2	Math 431	3
Math 341	4	Math 428	2
Math 333	3	Math 335	3
Social Science	3	Biology 140	4
Electives*	4	Electives*	5
<hr/>		<hr/>	
16		17	

PHYSICS 244 Electrodynamics**Four credit hours**

Electricity and magnetism. Topics treated in detailed manner. Three lecture hours and four laboratory periods per week. Prerequisite: Physics 243 and corequisite: Mathematics 241.

PHYSICS 330 Laboratory Electronics**Three credit hours**

An introduction to basic principles of electronics, operation of electronic measuring devices, and construction of devices for electrical and electronic measurements. One lecture hour and four laboratory periods per week. Prerequisite: Physics 244.

PHYSICS 331 Introduction to Modern Physics I**Three credit hours**

Elements of electricity and magnetism, the special theory of relativity, atomic particles, the nuclear atom, electro-magnetic radiation, X rays, waves and particles, Bohr's theory, optical Spectra, and X ray Spectra. Three lecture hours per week. Prerequisite: Physics 244.

PHYSICS 332—Introduction to Modern Physics II**Three credit hours**

Radioactivity, disintegration of nuclei, fission and fusion, nuclear processes, fundamental particles, and accelerators. Three lecture hours per week. Prerequisite: Physics 331.

PHYSICS 344 Waves and Optics**Four credit hours**

A general but detailed study of waves, acoustics, and optics. Three lecture hours and two laboratory periods per week. Prerequisite: Physics 243.

PHYSICS 412 Physics Seminar**One credit hour**

Prerequisite: Consent of the instructor.

PHYSICS 431 Advanced Mechanics**Three credit hours**

Kinematics, moving coordinate systems, motion of rigid body, central force problem, oscillations and coupled oscillators, Lagrange's and Hamilton's equations, generalized coordinates. Three lecture hours per week. Prerequisites: Physics 243 and Mathematics 341.

PHYSICS 432 Advanced Electrodynamics**Three credit hours**

Electromagnetic field theory, Maxwell's equation, electromagnetic radiations and relativistic effects. Three lecture hours per week. Prerequisites: Physics 244 and Mathematics 341.

PHYSICS 433 Kinetic Theory and Statistical Mechanics**Three credit hours**

Introduction to kinetic theory and statistical mechanics. Treated in detail. Three lecture hours per week. Prerequisite: Physics 441.

PHYSICS 436 Solid State Physics**Three credit hours**

An introduction to solid state physics. Three lecture hours per week. Prerequisites: Physics 332 and Mathematics 341.

PHYSICS 438 Quantum Theory**Three credit hours**

An introduction to quantum theory. Three lecture hours per week. Prerequisites: Physics 332 and Mathematics 434.

PHYSICS 441 Thermodynamics**Four credit hours**

Thermometry and expansion of solids, liquids, and gases. Calorimetry. Laws of thermodynamics and their applications. Low temperature physics. Three lecture hours and two laboratory periods per week. Prerequisites: Physics 243 and Mathematics 241.

PHYSICS-MATHEMATICS
CURRICULUM FOR PHYSICS-MATHEMATICS MAJORS

Freshman Year

Fall Semester	Credit Hours	Spring Semester	Credit Hours
Math 133 or 150	3 or 5	Math 134	3
English	3	English	3
Foreign Language	3	Foreign Language	3
Fine Arts	3	Fine Arts	3
CSC 231	3	CSC 232	3
Physical Education	1	Physical Education	2
	—		—
	16 or 18		17

Sophomore Year

Fall Semester		Spring Semester	
Physics 243	4	Physics 244	4
Math 241	3	Math 242	3
English	3	English	3
Chemistry 141	4	Chemistry 142	4
Social Science	3	Psychology	3
	—		—
	17		17

Junior Year

Fall Semester		Spring Semester	
Physics 330 or 344	3	Physics 332	3
Math 333	3	Math 336	3
Physics 331	3	Math 341	4
Social Science	3	Social Science	3
Elective*	3	Elective*	3
	—		—
	15		16

Senior Year

Fall Semester		Spring Semester	
Physics 431	3	Physics 432	3
Math 431	3	Math 434	3
Religion	3	Electives*	9
Electives*	7		—
	—		15
	16		

*Suggested Electives:

Physics 235	Math 427	CSC 233
Physics 412	Math 421	CSC 234
Physics 433	Math 432	CSC 331
Physics 436		CSC 336
Physics 438		
Physics 441		

COMPUTER SCIENCE

Modern digital computers are being used to help to solve problems in almost every area of industry, business, and education. They are being used to help to design and to operate space vehicles, to teach children reading and arithmetic, to make financial transactions and management decisions, and to provide a multitude of other services vital to the individual's well-being. Because of the impact of computers on society, today's college students should acquire an acquaintance with computers and their applications in order to prepare themselves better to meet the challenges of the future.

The computer science program at Johnson C. Smith University provides training in the principles on which computers operate and lays a foundation for further study in the area. The objectives of the program are as follows: to train students in the area of computer science and related areas for immediate vocational opportunities, to prepare students for graduate study in the field of computer science, to provide an appreciation for the capabilities and limitations of computers, and to build a framework of sound reasoning and logical decision-making processes.

A major in computer science consists of at least thirty-five credit hours of computer science courses numbered 200 or higher and at least twenty credit hours of mathematics-physics courses numbered 200 or higher. The required courses are Computer Science 231, 232, 233, 234, 331, 332 or 435, 341, 342 or 432, 431; Mathematics 241, 242, 333, 336; Physics 243 and 244. Majors in computer science must develop the facility for moving into and out of differing problem environments. For this reason, independent student projects and the careful selection of electives are stressed.

A minor in computer science consists of at least twenty-one credit hours of computer science courses, which must include Computer Science 231, 232, 233, 234, and 341 or 342. Nonmajors and minors may take courses in computer science to fulfill the general education requirements in mathematics, as well as to broaden their program of study.

All 100-, 200-, and 300-level computer science courses provide hands-on experience involving the actual operation of computers and peripheral devices.

COMPUTER SCIENCE 131-132 Programming Concepts I, II

Three credit hours each

A two-semester sequence designed to acquaint noncomputer science majors and minors with programming concepts and computer applications. Topics to include basic computer components and their functions, the preparation of problems for the computer, programming BASIC and RPG II. Group projects in computer applications in mathematics, business, and education. Prerequisite: Mathematics 141 or 131.

COMPUTER SCIENCE 231 Introduction to Programming **Three credit hours**

Organization and characteristics of digital computers. Design and representation of algorithms; problem solving and programming techniques. Debugging and verification of programs; computer processing of programs and basic data structures. Prerequisite: Mathematics 133.

COMPUTER SCIENCE 232 Intermediate Programming Three credit hours

Techniques of sophisticated programming; machine language, instruction format, and execution; addressing techniques; digital representation of data; symbolic coding and assembly systems. Call and expansion of macros; program segmentation and linkage; system and utilities programs; program projects to illustrate concepts and applications. Prerequisite: Computer Science 231.

COMPUTER SCIENCE 233-234 Introduction to Programming Languages I, II Three credit hours

Fundamental characteristics of high level languages. Programming structures and techniques in BASIC; characteristics, facilities, and problem solving in FORTRAN; characteristics, divisions, and problem solving in COBOL. Prerequisite: Computer Science 232.

COMPUTER SCIENCE 331 Mathematics for Data Processing Three credit hours

Introduction to discrete structures. Set theory, equivalence relations, semi-groups, groups, and rings; Boolean algebra and propositional logic; graph theory; applications of these structures to computer science. Prerequisites: Mathematics 242 and Computer Science 232.

COMPUTER SCIENCE 332 Operating Systems and Time Sharing Three credit hours

Monitor systems: purpose and design. Interrupt handling, I/O processing, addressing techniques, multiprogramming systems, scheduling, time-sharing methods, and channel programs. Programming projects to illustrate concepts. Prerequisite: Computer Science 232.

COMPUTER SCIENCE 335 Computer Organization and Design Three credit hours

Detailed assembly design techniques, table handling, and searching techniques. Macro processor design and implementation. Functional characteristics and implementation of different types of loaders. Group projects. Prerequisite: Computer Science 331.

COMPUTER SCIENCE 336 Data Structures Three credit hours

Basic concepts of data. Linear lists, strings, arrays, and orthogonal lists. Representation of trees and graphs. Storage systems and structures; storage allocation and collection; multilinked structures; symbol tables and searching techniques; data structures in programming languages. Prerequisite: Computer Science 331.

COMPUTER SCIENCE 341 Applications Programming: COBOL Four credit hours

Advanced topics in COBOL. Table handling, library facilities, random access methods for input/output processing; subroutine facilities, picture editing, and teleprocessing usages. Group projects in business applications. Prerequisite: Computer Science 234.

COMPUTER SCIENCE 342 Applications Programming: FORTRAN Four credit hours

Advanced topics in FORTRAN. Storage management, input/output facilities, function subprograms and subroutines. Numerical methods, including solutions to nonlinear equations and systems of equations, numerical integration, and statistical applications. Prerequisites: Mathematics 242 and Computer Science 234.

COMPUTER SCIENCE 411-412 Independent Study One credit hour each
Topics and projects designed to meet student needs and to strengthen independent study habits in computer science. Prerequisite: Computer Science 234.

COMPUTER SCIENCE 431 Computer Theory and Logic Three credit hours
Basic digital circuits, Boolean algebra, and combinational logic, data representation and transfer. Digital arithmetic, digital storage and accessing, control functions, input/output facilities, system organization, and reliability. Microprogramming and description of stimulation techniques. Prerequisites: Computer Science 331 and Physics 244.

COMPUTER SCIENCE 432 Topics in Numerical Methods Three credit hours
Numerical computations with digital computers. Floating point arithmetic and implications of round-off error. Algorithms and computer techniques for the numerical solution of problems in several of the following areas: function evaluation, zeros of functions, interpolation, curve fitting, solutions of nonlinear equations, and numerical solutions of ordinary differential equations. Prerequisites: Mathematics 242 and Computer Science 234.

COMPUTER SCIENCE 434 Compiler Design Three credit hours
Review of program language structure, translation, loading, execution, and storage allocation. Compilation of simple expressions and statements. Organization of a compiler, including compile-time and run-time symbol tables, lexical scan, syntax scan, object code generation, error diagnostics, and overall design. Prerequisites: Computer Science 234 and 336.

COMPUTER SCIENCE 435 Machine Structure Three credit hours
Complete breakdown of the hardware features of the system. Hardware addressing, register features, instruction format, data format, basic memory unit, and special features; hardware interfaces between central processing unit and peripheral devices; hardware and software interfaces. Initial program load procedures and instruction cycle time. Prerequisite: Computer Science 335.

CURRICULUM FOR COMPUTER SCIENCE MAJORS

Freshman Year			
Fall Semester		Spring Semester	
	Credit Hours		Credit Hours
CSC 231	3	CSC 232	3
Math 241	4	Math 242	4
English	3	English	3
Foreign Language	3	Foreign Language	3
Biology 140	4	Physical Education	3
—		—	
17		16	
Sophomore Year			
Fall Semester		Spring Semester	
CSC 233	3	CSC 234	3
Math 333	3	Math 336	3
English	3	English	3
Philosophy 131	3	Philosophy 239	3
Social Science	3	Social Science	3
Physical Education	1	Elective(R)*	1
—		—	
16		16	

Junior Year			
Fall Semester		Spring Semester	
CSC 331	3	CSC 336	3
CSC 341	4	CSC 342	4
Physics 243	4	Physics 244	4
Social Science	3	Social Science	3
Fine Arts	3	Fine Arts	3
—		—	
17		17	
Senior Year			
Fall Semester		Spring Semester	
CSC 335	3	CSC 431	3
CSC 332	3	Electives(R)*	6
Electives(R)*	6	Electives(F)**	6
Elective(F)**	3	—	—
—		15	
15			

*Electives(R): Restricted electives.
**Electives(F): Free electives.

PREPROFESSIONAL OPPORTUNITIES IN THE SCIENCE DIVISION

Premedical and Predental Programs

All courses required for preparation for medical and dental school are offered at Johnson C. Smith University. A student may major in any area of study, but the Health Careers Committee recommends a major in biology or chemistry. The following courses are required for admittance to most medical and dental schools: biology, two semesters; chemistry (general and organic), four semesters; physics, two semesters. Other specific courses are required by some medical schools. Academic advisers and the Health Careers Committee will aid students in arranging their programs.

Students who complete general education requirements and who are accepted into a medical or dental school at the end of the junior year are eligible to receive the B.S. degree from Johnson C. Smith University upon the successful completion of the freshman year at the medical or dental school.

Premedical Technology

All courses required for admission to a school of medical technology are offered at Johnson C. Smith University. Students who wish to apply to a school of medical technology should have the following:

1. Three years of college (ninety credit hours) with a 3.0 average in the required courses and a 2.5 overall average
2. A minimum of sixteen credit hours in chemistry, which must include organic chemistry

3. A minimum of sixteen credit hours in biology, which must include Biology 143-144, microbiology, and genetics
4. One semester of physics
5. One semester of mathematics above Mathematics 132

Students who successfully complete a year's program at an approved school of medical technology and who meet all of the general requirements at Johnson C. Smith University may receive a B.S. degree from Johnson C. Smith University.

Pre-engineering

Johnson C. Smith University has two programs for pre-engineering studies.

1. A major in mathematics may be expanded to include a concentration in physics and chemistry for the expressed purpose of preparing the student to do graduate work in mathematics and physics or to enroll with advanced standing in a school of engineering.
2. A student with a strong background in mathematics may complete the major part of the concentration in #1 within the three years. The student may then transfer to an accredited engineering school. Students who follow this plan under the advice of the Division of Science and Mathematics are eligible for a bachelor's degree from Johnson C. Smith University when they obtain a bachelor's degree in engineering from an accredited school. This program includes eight credit hours of chemistry, thirty credit hours of mathematics, twelve credit hours of physics, and the completion of general education requirements.

**ADVANCED INSTITUTIONAL DEVELOPMENT PROGRAM
UNDER TITLE III OF THE
UNITED STATES OFFICE OF EDUCATION**

Johnson C. Smith University has received financial support for the following listed programs that are designed to improve curriculum development.

The objectives of the Curriculum Development Program are:

- To discover new and more effective methods of teaching students who come with varied deficiencies but particularly those who are grossly academically, culturally and socially disadvantaged.
- To provide supportive services to enhance our academic program.

Curriculum Development Programs

New Doorways to Teaching and Learning. To improve teaching effectiveness and to meet the clear need of our students for better training in the basic skills.

Urban Studies. To meet the needs of a changing society and to provide students with additional career opportunities.

Banking and Finance Education. To recruit and graduate ethnic minority men and women with the necessary skills and ability to enter the office level career in the banking industry.

Degree Program in Computer Science. To adequately train students in the field of computer science and related areas and to prepare students for post-graduate study in the field of computer science.

Communication Arts. To improve curricular offerings in the Communication Arts department.

THE PEOPLE OF J.C.S.U.

JOHNSON C. SMITH UNIVERSITY, INC.

CHARLOTTE, NORTH CAROLINA

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As of April 6, 1979

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1981	William H. Dougherty	North Carolina National Bank Post Office Box 120 Charlotte, N. C. 28255 (704) 374-5401
1980	Spencer Durante	6000 Sierra Drive Charlotte, N. C. 28216 (704) 392-6215 & 372-2370 Ext. 338
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1981	Sarah B. Gambrell	300 Cherokee Rd. Charlotte, N. C. 28207
1979	James H. Hargett	6901 S. Oglesby Ave., Apt. 8-A Chicago, Ill. 60649 (312) 324-1457
1979	Wilbert Harper	JCSU—Campus Charlotte, N. C. 28216
1980	Vance H. Chavis*	1311 Marboro Drive Greensboro, N. C. 27406 (919) 272-2039

*Term: one year.

- 1981 **Kenneth R. Harris** 1901 Providence Rd.
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(704) 373-1831 & 365-2432
- 1979 **Luther H. Hodges** 534 Hempstead Place
Charlotte, N. C.
- 1979 **L. Douglas Hoover** JCSU—Campus
Charlotte, N. C. 28216
- 1979 **Freeman R. Jones** WSOC-TV
P. O. Box 2536
Charlotte, N. C. 28201
(704) 372-0930
- 1979 **Maryland Kemp** 3340 Highwood Drive, S.E.
Washington, D. C. 20002
(703) 664-4594 & 664-4325
- 1980 **Scott Carter Lea** 3704 Stone Court
Charlotte, N. C. 28211
- 1981 **George McQuilkin, III** 2000 Ferncliff Road
Charlotte, N. C. 28211
- 1979 **Pettis Norman** 433 W. 12th Street
Dallas, Texas 75208
(214) 946-1354
- 1980 **Douglas M. Orr, Jr.** UNC-Charlotte
UNC Station
Charlotte, N. C. 28223
- 1980 **Francis I. Parker** 1100 Cameron-Brown Bldg.
301 South McDowell Street
Charlotte, N. C. 28204
- 1980 **Emery L. Rann** 1001 Beatties Ford Rd.
Charlotte, N. C. 28216
(704) 333-0721
- 1981 **Coleman D. Rippy** 1701 Patton Avenue
Charlotte, N. C. 28216
(704) 372-2370 Ext. 300 &
375-8083
- 1980 **Claudius Shropshire** 4134 Don Luis
Los Angeles, Cal. 90008
(213) 731-7373
- 1979 **John B. Stedman** Republic Bank & Trust Co.
P. O. Box 4158
Charlotte, N. C. 28204
(704) 377-2676
- 1979 **William J. Trent** 3609 Birchwood Lane
Greensboro, N. C. 27410
(919) 288-8763

1980 **Robert L. Walton**P. O. Box 33681
Charlotte, N. C. 28247
(704) 374-62671980 **Matthew J. Whitehead**3105 13th Street, N.E.
Washington, D. C. 20017
(202) 526-48401979 **Hampton Wright**1030 Pinafore Drive
Charlotte, N. C. 28215
(704) 372-2370 Ext. 293 &
537-3242**Trustees Emeriti****Dr. James Egert Allen**16 St. Nicholas Place
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Transfer Advisor
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Assistant Registrar
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M. Diane Richardson

Gloria G. Russell, A.A. *c maxwell*

Mildred W. Sanders, B.A., M.S.L.S. *TS*

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Gladys Thompson, A.A.

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Din
Head Librarian
Secretary
Coordinator, Multi-Media
Acting Hd., Circulation
Assistant Librarian
Library Technician
Library Technician
Assistant Librarian
Orientation/Librarian
Library Assistant
Assistant Librarian

Herndon A.B. M.S.

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BROWN Sandra Crowell, B.A.

Dorothy Friday, A.A.

Eunice Gray

Ast. Refs. Open/Inte.
Director
Teacher
Aide

ACADEMIC AND ADMINISTRATIVE IMPROVEMENT

Detres A. Gale

Key Punch Operator

DEVELOPMENT

Ray G. Davis, B.A.

Vice President for
Development

Ellamae S. Harris, B.S.

Secretary

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Development Officer

INSTITUTIONAL RESEARCH

Vietta E. M. Neal, B.A., M.A.

Director of Institutional
Research

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Secretary/Research Asst.

PUBLIC RELATIONS

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Director of Public Relations
Sports Information Officer
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ALUMNI AFFAIRS

Minnie G. Maxwell, B.S.
Maxine Reid

Director of Alumni Affairs
Secretary

STUDENT AFFAIRS

Joseph A. Gaston, A.B., M.Div.,
M.A., Ph.D.
Calvene F. Ross

Vice President for
Student Affairs
Secretary

STUDENT LIFE PROGRAMS

Calvin A. Hood, A.B., M.Div. M.M.A.

Director, Student Life
Programs

Jerry Clark, B.A.
Jacqueline C. Green, A.B.
William M. Holmes, B.S.
Janice Reese Horne, B.A.
Cleveland C. James, B.A.

Dormitory Director
Dormitory Director
Dormitory Director
Dormitory Director, Head
Assistant Director, Student
Life Programs (Men)
Assistant Director, Student
Life Programs (Women)

Rosa L. Land, B.A.

Dormitory Director
Secretary
Dormitory Director
Dormitory Director
Head Dormitory Director
Dormitory Director, Head

Sallie E. Macon, B.A.
Willie B. Mobley
Germaine Patterson, B.S.
Brindle Segars, B.S.
Alnetha C. West, B.A.
Barbara R. Worthy, B.A.

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and Testing
Secretary

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Rance M. Jackson, B.A.
Denise Warren, A.A.

Director of Financial Aid
Secretary

PLACEMENT

Dorothy B. Ferguson

Secretary

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Chrysandra N. Halsey, G.N.
Shirley M. Hayes, L.P.N.
Lillie B. Platts
Eloise B. Taylor, R.N.

University Physician
Relief Nurse
Head Nurse
Staff Nurse
Secretary
Staff Nurse

*Part-time Employees

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Amzie Gray, B.A.	Assistant Director

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Gerald R. Blakeney, B.A., M.A.	Program Coordinator
Linda Fleming, A.A.	Secretary
Johnsie M. Grier, B.A.*	Instructor
Carolyn E. Latimore, B.A.	Reading Specialist
Edith Jane Reid, B.S.*	Instructor
Otis Roberson, B.S.	Counselor
Odell Robinson, B.A.*	Instructor
Marion Yates, B.S., M.S.	Instructor

BUSINESS AND FINANCIAL AFFAIRS

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Furness J. Armstead, B.S.	Administrative Officer/ Purchasing Agent
Theresa D. Dalton	Cashier
Gladys Rawls Davis	Accounting Clerk
Amy Adam Elston, B.A.	Secretary
John W. Mack, B.A.	Comptroller
Carolyn Beatty Smith, B.S.	Accounts Receivable Clerk
Sara G. J. Stewart	Personnel Officer
Dorothy C. Whitener, B.A.	Accounting Clerk

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Joseph T. Majors, B.A.	Inventory and Property Manager
Annie Brown Strong	Secretary

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Aurelia L. Law, B.S.	Manager, University Bookstore
Bernice W. Spence	Assistant Manager

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Lessie T. Deavers	Manager, Post Office
Rhonda B. Connelly	Switchboard Operator
Sylvia A. McNair	Assistant Post Office Manager
Kay Taylor Watts	Switchboard Operator

*Part-time Employees

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Arnold B. Coley
 Melvin N. Brown
 Rachel D. Cooper
 Lewis J. Jackson
 Vincent McNeely
 Willie Robert Moore
 Margaret G. Murray
 George E. Williamson

Eugene Alphonso Moore
 Thomas E. Simpson

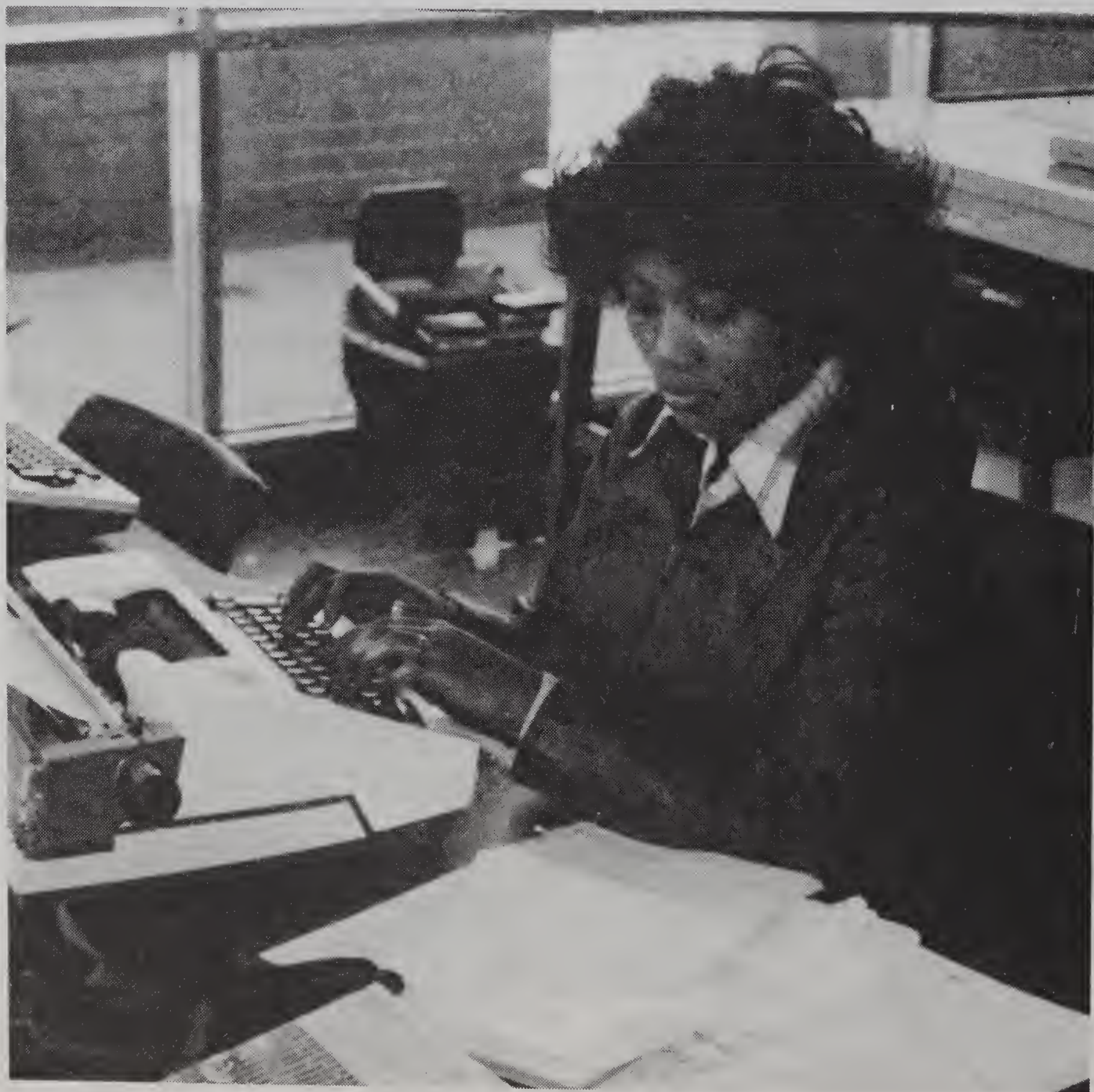
Director, Campus Police
 Campus Police Officer
 Campus Police Officer
 Campus Police Officer
 Campus Police Officer
 Campus Police Officer
 Campus Police Officer
 Assistant Director, Campus
 Police
 Campus Police Officer
 Campus Police Officer

DEPARTMENTAL SECRETARIES

Mary H. Bailey

Alma Rea Leak
 Lillian D. Butts
 Roberta B. Jackson
 Beulah O. Walker

Secretary/Laboratory
 Assistant—MBS
 Secretary, MARC Program
 Secretary, NDTL
 Secretary, NDTL
 Secretary, Sociology,
 Social Welfare



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1979-81

WILBERT GREENFIELD (1973)..... President of the University
and Professor

B.S. 1956, North Carolina A&T University
M.S. 1958, University of Iowa
Ph.D. 1960, University of Iowa
Further Study—1968, University of Chicago

LIMONE C. COLLINS (1973).... Vice President for Academic Affairs
and Professor

B.S. 1947, Prairie View A&M University
M.S. 1953, IBID
Further Study—University of Texas (Summer of 1954, 55, 56 & 57)
Ph.D. 1961, University of Iowa
Post Doctoral Research 1971, Lawrence Radiation Laboratory & University of
California, Berkeley

Mary M. Alexander (1978)..... Instructor of Sociology

B.A. 1971, East Carolina University
M.A. 1975, East Carolina University

Shirley G. Anderson (1973)..... Assistant Professor of Psychology

A.B. 1966, Alma College
M.Ed. 1970, University of North Carolina, Chapel Hill
Ph.D. 1972, University of North Carolina, Chapel Hill

Nigel M. Ayton (1962)... Associate Professor of Foreign Languages

A.B. 1956, Howard University
M.Ed. 1962, University of North Carolina, Chapel Hill
Further Study—Certificate de francais—University of Paris

William D. Barber (1977)..... Assistant Professor of Biology

B.S. 1962, Purdue University
M.S. 1964, Penn State University
Ph.D. 1969, Penn State University

James D. Bass (1969)..... Head and Associate Professor of
History and Political Science

A.B. 1959, Florida State University
M.A. 1960, Florida State University
Ph.D. 1975, University of Virginia

James E. Bishop (1976)..... Counselor/Instructor New Doorways
Program

B.A. 1974, Johnson C. Smith University
M.A. 1976, Bowling Green State University

Lillie W. Blue (1959)..... Part-time Instructor

A.B. 1927, Atlanta University
M.A. 1947, Teachers College, Columbia University
Further Study—New York University—1968

Barbara R. Brown (1979)..... Part-time Instructor

B.A. 1972, N.C. Wesleyan College
M.A. 1974, University South Florida

Charlie L. Butler (1963)..... Assistant Professor of Music

B.A. 1947, Fisk University
M.A. 1951, Radcliffe College
Further Study—Julliard School of Music and University of Kansas City (MO)

- Wilbert Cain (1977)..... Assistant Professor of Biology
B.S. 1972, Saint Augustine College
Ph.D. 1979, Meharry Medical College
- Melvin D. Caldwell (1977)..... Assistant Instructor of Business
B.A. 1975, Morehouse College
Further Study—Winthrop College 1978, 1978-79
- Baldeo K. Chopra (1973)..... Associate Professor of Biology
B.Sc. 1960, Benaras Hindu University
M.Sc. 1962, Benaras Hindu University
Ph.D. 1968, Auburn University
- Thomas Collins (1975)..... Instructor of Mathematics
B.S. 1964, Johnson C. Smith University
M.A.T. 1972, Purdue University
- Charles R. Cox (1964)..... Instructor of Physical Education
B.S. 1954, Claflin College
M.S. 1958, West Virginia University
Further Study—George Peabody College and West Virginia University
- Marvin K. Davenport (1966)..... Assistant Professor of Music
B.A. 1957, North Carolina Central University
M.Mus. 1962—University of Michigan
Further Study—University of North Carolina—Charlotte, University of Wisconsin,
University of North Carolina—Greensboro, East Carolina University and Wake
Forest University
- Juanita R. Davidson (1972)..... Instructor of Social Welfare
B.A. 1957, Dillard University
M.Sw. 1959, Atlanta University
- N. V. Desai (1969)..... Assistant Professor of Business
B.A. 1963, Sardar Patel University
M.A. 1965, Maharaja Sayajirao University
M.E. 1969, North Carolina State University
Further Study—University of Pennsylvania, and University of North Carolina—
Charlotte
- Benjamin A. Dias (1978)..... Assistant Professor of Chemistry
B.S. 1969, Inter-American University
M.S. 1975, Atlanta University
D.A. 1979, Atlanta University (ABD)
- Ossibelle B. Dixon (1957)..... Instructor of Physical Education
B.A. 1951, Shaw University
M.A. 1957, North Carolina Central University
- Lewis C. Dowdy..... Part-time Instructor of Psychology
B.A. 1966, Johnson C. Smith University
M.S. 1973, North Carolina A&T University
- Foster T. Drakeford (1951)..... Assistant Professor of Mathematics
B.S. 1950, Livingstone College
M.S. 1953, Howard University
- Spencer E. Durante (1976)..... Professor and Head of Education
B.S. 1939, Shaw University
M.S. 1943, University of Pennsylvania
Ed. D 1956, University of Pennsylvania
Further Study—Miami University and University of Dayton
- Hattie M. Farrington (1975)..... Instructor of Reading
B.A. 1974, Shaw University
M.Ed. 1975, University of Michigan
Further Study—Florida State University

Jo-an D. Forney (1946).....Instructor of Education
 B.S. 1946, Johnson C. Smith University
 M.Ed. 1948, Boston University

Flossie A. Foxx (1973)..... Associate Professor and Head of
 Foreign Languages

B.A. 1963, Howard University
 M.A. 1966, Howard University
 Ed.D. 1974, Columbia University

Sidney L. Freeman (1958)Assistant Professor of English
 B.S. 1947, University of Wisconsin
 M.A. 1949, Bowling Green State University
 Ph.D. 1951, Cornell University

Bessie L. Gage (1977).....Instructor of Education
 B.S. 1973, South Carolina State University
 M.A. 1977, Atlanta University

JOSEPH A. GASTON (1956) Vice President for Student Affairs
 Associate Professor of Psychology

B.A. 1949, Johnson C. Smith University
 M.Dv. 1952, Johnson C. Smith University
 M.A. 1960, University of Denver
 Ph.D. 1970, Michigan State University

Boyd J. Gatherright (1948)..... Associate Professor of Mathematics
 B.S. 1946, Knoxville College
 M.S. 1948, State University of Iowa
 CSA* 1974, Wesleyan University (*Certificate of Advanced Study)

Israel J. Gerber (1972).....Professor of Psychology
 A.B. 1939, Yeshiva University
 M.S. 1940, City College of New York
 Th.D. 1941, Yeshiva University
 Ph.D. 1950, Boston University
 Further Study—University of Chicago

Darryl G. Gibson (1978)..... Part-time Instructor of Psychology
 A.B. 1970, Appalachian State University
 M.A. 1978, Appalachian State University

Edythe R. Grady (1952)..... Associate Professor of Music
 B.S. 1942, Hampton Institute
 B.S. 1947, Hampton Institute
 M. Sacred Music 1950, Union Theological Seminary
 Professional Diploma (Music) 1967, Columbia University

Elizabeth M. Graham (1973).....Instructor/Counselor
 New Doorways Program

B.A. 1963, Claflin College
 M.Ed. 1978, Winthrop College

Nancy G. Golson (1973)..... Assistant Professor of Education
 B.A. 1965, Auburn University
 M.A. 1966, Auburn University
 Ph.D. 1977, University of South Carolina

Martha J. Guzman (1978).....Instructor of Reading
 A.B. 1974, University of North Carolina—Chapel Hill
 M.Ed. 1978, East Carolina University

Paul H. Hailey (1975).....Instructor of English
 B.A. 1957, Johnson C. Smith University
 M.A. 1973, North Carolina Central University

Wylie E. Harris (1978).....Head Football Coach and Instructor
of Physical Education

B.S. 1963, North Carolina A&T State University

M.S. 1970, North Carolina A&T State University

Eugene L. Hermitte (1973)..... Associate Professor of History
and Political Science

A.B. 1966, Stanford University

Ph.D. 1974, Northwestern University

Paul H. Hester (1978)..... Associate Professor of Education

B.Fa. 1964, Kansas State University

M.S. 1966, Kansas State University

Ph.D. 1976, University of Connecticut

Further Study—University of Missouri, Kansas City and Warrenburg State
University

Ruben L. Hines (1976).....Instructor of History

A.B. 1973, Fayetteville State University

M.A. 1974, North Carolina Central University

William R. Jackson (1978).....Assistant Instructor of
Physical Education

B.S. 1955, North Carolina A&T University

Ernest L. James (1967)..... Instructor of Communication Arts

B.A. 1956, J. C. Smith University

M.S. 1974, North Carolina A&T University

Rosalyn C. Jones (1977).....Instructor of English

B.A. 1974, Shaw University

MAT 1975, Duke University

Stephen W. Joyner (1978).....Assistant Instructor of
Physical Education

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Richard T. Keenan (1978).....Associate Professor of
Communication Arts

B.A. 1961, University of Michigan

M.A. 1969, University of Illinois

Ph.D. 1977, City University of Los Angeles

Christopher T. Kemp (1947)..... Professor and Head of Music

B.S. 1944, Hampton Institute

M.Mus. 1947, University of Michigan

Lola A. Key (1978)..... Instructor of Sociology

B.A. 1976, Barbara Scotia College

M.A. 1978, Miami University

Carolyn E. Latimore (1975)..... Instructor of English

B.A. 1974, Johnson C. Smith University

M.A. 1979, University of North Carolina—Charlotte

James R. Law (1949)..... Professor of Psychology

B.A. 1947, Lincoln University

M.A. 1949, New York University

Ph.D. 1967, Duke University

Bessie H. Ledbetter (1967)..... Assistant Professor of English

B.A. 1956, Benedict College

M.A. 1966, Northwestern University

Further Study—University of North Carolina—Charlotte

Julio A. Leon (1975).....Instructor of Foreign Languages
 B.S. 1961, Havana University
 M.A. 1975, Winthrop College

Louise P. McDonald (1978)..... Assistant Professor of English
 B.S. 1944, Savannah State College
 M.A. 1948, Atlanta University
 Further Study—University of Wisconsin, Catholic University of America,
 University of Chicago

Eddie C. McGirt (1958).....Associate Professor of
 Physical Education

B.A. 1948, Johnson C. Smith University
 M.A. 1954, Columbia University

Frank P. Machado (1977).....Instructor of Foreign Languages
 B.A. 1968, University of North Carolina—Charlotte
 M.A. 1970, University of North Carolina—Greensboro

Maxine F. Moore (1965)..... Assistant Professor of English
 B.A. 1965, Johnson C. Smith University
 M.A. 1969, University of North Carolina—Chapel Hill
 Further Study—Emory University, St. John's College
 Ph.D. 1979, Emory University (ABD)

Robert D. Moore (1978)..... Head Basketball Coach
 and Instructor of Mathematics

B.S. 1962, Virginia Union University
 M.S. 1967, North Carolina A&T University

Barbara H. Moran (1975).....Associate Professor
 of Communication Arts

B.A. 1957, College of Holy Names
 M.A. 1966, Catholic University of America
 Ph.D. 1976, Catholic University of America

David D. Oates (1978)..... Assistant Professor of English
 B.A. 1972, Westmont College
 Ph.D. 1978, Emory University

Helen C. Othow (1974).....Associate Professor of English
 B.A. 1952, St. Augustine's College
 M.A. 1958, North Carolina Central University
 Ph.D. 1971, University of Wisconsin
 Further Study—University of Ghana, University of North Carolina—Chapel Hill

Appavoo Perumal (1968)..... Associate Professor of Physics
 B.S. 1959, Annamalaie University
 M.S. 1961, Annamalaie University
 Ph.D. 1965, Annamalaie University

Rufus G. Pettis (1965).....Professor and Head of Mathematics
 B.S. 1954, Benedict College
 M.S. 1963, Atlanta University
 Ed.D. 1969, Oklahoma State University

Kenneth S. Powell (1960)..... Assistant Professor
 of Physical Education

B.A. 1943, Johnson C. Smith University
 M.A. 1950, New York University

Surya S. Prasad (1977)..... Assistant Professor of Biology
 B.S. 1969, A.P. Agricultural University
 M.A. 1971, Saomhonstan St. University
 Ph.D. 1977, Rutgers University

Coleman D. Rippy (1930) Associate Professor and Head
of Sociology

B.A. 1939, Paine College

M.A. 1959, Columbia University

Further Study—Duke University and Harvard University

Charles D. Rogers (1972) Asst. Professor of Communication Arts

B.F.A. 1964, California State College

M.A. 1971, Ohio State University

M.F.A. 1977, University of North Carolina—Greensboro

Huey M. Rowe-Anderson (1971).....Associate Professor
of Chemistry

B.S. 1963, Union College

M.S. 1966, University of Nebraska—Lincoln

Ph.D. 1971, University of Nebraska—Lincoln

David M. Scott (1978) Part-time Instructor of Psychology

A.D. 1974, University of Tennessee—Knoxville

M.A. 1977, Appalachian State University

Moses S. Sharpe (1959) Assistant Instructor
of Physical Education

B.S. 1960, Johnson C. Smith University

John C. Sekyi (1973) Associate Professor of History
and Political Science

B.A. 1963, Stillman College

M.Div. 1966, Johnson C. Smith University

M.A. 1969, University of Cincinnati

M.A. 1971, University of Illinois

Ph.D. 1973, University of Illinois

Leroy T. Sellers (1976) Part-time Instructor of Music

B.S. 1960, Tennessee A&I University

M.A. 1971, University of Connecticut

Iris M. Stacks (1976)..... Instructor of Education

B.S. 1974, Johnson C. Smith University

M.Ed. 1976, University of South Carolina

Oren B. Starnes (1979) Part-time Instructor of Psychology

A.B. 1971, University of North Carolina—Charlotte

M.A. 1972, West Georgia College

Ph.D. 1979, ABD—Fielding Institute

Pina S. Sturdivant (1978) Assistant Professor of
Communication Arts

B.A. 1956, West Texas State University

M.A. 1965, University of Texas at Austin

M.A. 1973, West Texas State University

Ph.D. 1977, University of Texas at Austin

Lydia K. Sunday (1977) Instructor of Communication Arts

B.A. 1973, Morris Harvey College

M.A.Ed. 1976, University of North Carolina—Charlotte

Helen P. Taylor (1976) Instructor of Sociology and Social Welfare

B.A. 1973, Jackson State University

M.Sw. 1975, Rutgers University

Percial M. Thomas (1975)Assistant Professor of History

A.B. 1954, Virginia Seminary & College

A.B. 1958, Virginia Union University

M.A. 1962, Columbia University, Teachers College

Ph.D. 1979, University of Virginia

Joseph W. Turner (1976).....Assistant Professor of English
 B.A. 1972, Davidson College
 M.A. 1975, Emory University
 Ph.D. 1976, Emory University

Bettye C. Walker (1967).....Instructor of Music
 B.A. 1962, Talladega College
 M.A. 1967, University of Iowa

Violet G. Washington (1957).....Part-time Instructor of Biology
 B.S. 1942, Talladega College
 M.S. 1946, Atlanta University

Sara H. Willis.....Instructor of English
 B.A. 1970, Winston-Salem State University
 M.A. 1977, North Carolina Central University

Hampton Wright (1958).....Associate Professor of Mathematics
 and Computer Science
 B.S. 1956, Benedict College
 M.S. 1959, Howard University
 Ph.D. 1973, North Carolina State University



DEGREES—AUGUST, 1977**BACHELOR OF ARTS****Magna Cum Laude**

Frederick Amos Davis Ft. Lauderdale, Fla.

Cum Laude

Karen Denise Gwynn Reidsville, N. C.

Patricia Anne Johnson Fayetteville, N. C.

Treva Mae Gray Pettis Charlotte, N. C.

BACHELOR OF ARTS

Easley Eugene Abraham, Jr. Wilmington, N. C.

Rudolph Anthony Bradley Georgetown, S. C.

Althea Evyonne Buchanan Charlotte, N. C.

David Morrell Crawford Washington, D. C.

Latrechia Devonne Harrison Columbia, S. C.

Gwendolyn Annette Henderson Newark, N. J.

Robert Ernest Lattimer Westbury, N. Y.

Merrick Kaynard Lee Charlotte, N. C.

Carolyn Denise Seabrooks Philadelphia, Pa.

Deborah Walker Washington, D. C.

BACHELOR OF SCIENCE

Isaac Lee Applewhite, Jr. Charlotte, N. C.

Herbert Carmichael, Jr. Orangeburg, S. C.

Wilbert Earl Carroll Wade, N. C.

Albert Timothy Catlett Baltimore, Md.

Gary Dean Chambers Morganton, N. C.

Ronnie Eugene Corley Irmo, S. C.

Steven Dallas Culmer Philadelphia, Pa.

Kelly Lee Darden, Jr. Greenville, N. C.

Loretta Elaine Dawkins Spartanburg, S. C.

Joyce Lafrieda Flack Alexandria, Va.

Charles Timothy Harrington, III Richmond, Va.

Hardee Henderson Oxford, N. C.

Delphine Jeffrey Columbia, S. C.

Robert Lenard Johnson Winston-Salem, N. C.

Robert Lee Lewis Danville, Va.

Charles Henry Massey Charlotte, N. C.

Bernard Morris Nedab Washington, D. C.

William Parrott, III Hartsville, S. C.

Gwendolyn Vernan Robinson Greenwood, S. C.

Melvin Keith Sampel Philadelphia, Pa.

Patric David Simon Charlotte, N. C.

James Lawrence Smith Florence, S. C.

Lewis Samuel Smith Johnston, S. C.

Peter Nyah Togba Monrovia, Liberia

Queen Esther Bell White Monroe, N. C.

DEGREES/MAY, 1977**BACHELOR OF ARTS****Summa Cum Laude**

Stanley Renard Belcher Martinsville, Va.

Brenda Hazel Cromwell** Charleston, S. C.

Sherleen Patricia Ann Mark Sumter, S. C.

Thelma Diane Phillips Goldsboro, N. C.

Sharon Trudi Simmons Charleston, S. C.

Magna Cum Laude

Syverd Queen Baldwin Asheboro, N. C.

Ida Carroll Dawson Bristol, Tenn.

Antonia Marie Martin Enoree, S. C.

Cum Laude

Brende Pauline Adams	Orangeburg, S. C.
Bridget Eleanor Barker	New York, N. Y.
Catherine Leontine Baylor	Charlotte, N. C.
Angela Bernette Bell	Powhatan, Va.
Ruth Elaine Blakeney	Wingate, N. C.
Vivian Lorraine Blanding	Sumter, S. C.
Geraldine Lavon Brown**	Tuskegee, Ala.
Janie Darlene Davis	Charlotte, N. C.
Carolyn Lorraine Evans	Charlotte, N. C.
Pamela Sharon Everett	Wilmington, N. C.
Mary Elizabeth Foxx	Charlotte, N. C.
Crandell Graham	Hartsville, S. C.
Gary Maurice Griggs	Reidsville, N. C.
Johnny Lee Headen**	Liberty, N. C.
Cheryl Dale Heard	Charlotte, N. C.
Delores Mae Hicklin	Spartanburg, S. C.
Linda Jean Houston	Charlotte, N. C.
Melvetta Delores Jenkins	Charleston, S. C.
Warren Delano Jones	Chicago, Ill.
Deborah Teresa Lester	Roxboro, N. C.
Carol Benita McCullough	Bennettsville, S. C.
Judy Lynn Meadows	Charlotte, N. C.
Jerry Montez Osborne	Charlotte, N. C.
Larry Jerone Pearson	Winnsboro, S. C.
Cecilia Elizabeth Rawlings	Wheeling, W. Va.
Leon Rodgers, Jr.	New York, N. Y.
Connie Simmons	Saluda, S. C.
Veronica Lenora Smalls	Georgetown, S. C.
Julia Ann Swain	Southport, N. C.
Deloris Augustine Griffin Taylor	Charlotte, N. C.
Carolyn Joyce Thompson	Chapel Hill, N. C.
Sharon Ann Tucker	Arlington, Va.
Phyllis Kathrina Watkins	Ft. Lauderdale, Fla.
Elmira Vashti Weston	Englehard, N. C.

BACHELOR OF ARTS

Marie Antoniette Worsley	Charlotte, N. C.
Marvin Emanuel Adams	Florence, S. C.
Donna Lynn Atkinson	Wilmington, Del.
Arnett Eugene Bardsdale	Spartanburg, S. C.
Tracy Charles Barrett**	Charlotte, N. C.
Jeanette Lorraine Benjamin	Winston-Salem, N. C.
Fontella Audrey Boone	Philadelphia, Pa.
Shermaine Mary Louise Bowden	Brooklyn, N. Y.
Sandra Collette Bowers	N. Wilkesboro, N. C.
Capers Edward Brown, Jr.	Glen Rock, N. J.
Marie Johanna Carter	Charleston, S. C.
Martin David Chislom	Charlotte, N. C.
Napoleon Keith Clark	Charlotte, N. C.
Cheryl Veronica Cochran	Columbia, S. C.
Deborah Kay Cornwell	East Orange, N. J.
Deltha Jean Cousar	Washington, D. C.
Willie Dean Crawford	Dillon, S. C.
Roslyn Nancy Jeanette Crowder	Charlotte, N. C.
Charles Nathaniel Duckett	Greenwood, S. C.
Milagros Feliciano	New York, N. Y.
Jacqueline Denise Foster	Spartanburg, S. C.
Mary Nancy Funderburk	Winston-Salem, N. C.
Deborah Lee Gates	Princess Ann, Md.
Vendetta Elizabeth Gillespie	St. Louis, Mo.
Thomas Carter Glover	Brooklyn, N. Y.
Willie Jerry Greene**	Charlotte, N. C.
Tonya Verisa Harris	Chicago, Ill.
Garrett Paul Harvest	Orange, N. J.
Archie Haywood**	Charlotte, N. C.
Brenda Denise Henderson	Newark, N. J.
Emma Jean Howard	Ft. Lauderdale, Fla.

Lorenzer Jenkins, Jr.	Bennettsville, S. C.
Carlise Elaine Joyner	Richmond, Va.
Amanda Leen Kealon	Kelly, N. C.
Dorris Anether Kendall	Ansonville, N. C.
Robyn Vida Langston	Murfreesboro, N. C.
Catherine Elaine Laster	Chicago, Ill.
Brenda Laughinghouse**	Teaneck, N. J.
Monica Laughinghouse	Teaneck, N. J.
Warren Julius Lesane	Mayesville, S. C.
Patrick Henry Littlejohn, Jr.	Spartanburg, S. C.
Bernard Sinclair Mayhew, Jr.	Bronx, N. Y.
Frediretta McGee	Nesmith, S. C.
Jeannie Lorraine McLucas	Brooklyn, N. Y.
Joni Elizabeth Mills	Rochester, N. Y.
Nathaniel James Myers, Jr.	Andrews, S. C.
Blane Joseph Newberry	Philadelphia, Pa.
Clifford Bethel Osabutey	Ghana
Demetrius McLyndon Parker**	Gastonia, N. C.
Harold Roser Peters	Charlotte, N. C.
Gwendolyn Alaska Powell	Charlotte, N. C.
Pansy Virginia Pressley**	New York, N. Y.
Glenda Lyneece Ray	Cordele, Ga.
Gladys Catherine Redmond**	Statesville, N. C.
Pamella Carol Scott	Columbia, S. C.
Wanda LaVerne Shepherd	Lynchburg, Va.
Alphonso Smith	Wilmington, Del.
Lindsey Mae Smith	Greenville, N. C.
Deborah Strong	Charleston, S. C.
Pinkey Ann Sullivan	Greenville, N. C.
Michael Anthony Travis	Somerset, N. J.
Alice Beatrice Tuck	Sanford, N. C.
Sarah Charlene Vines	Greenville, N. C.
Jean Baskin Wade	Lancaster, S. C.
Essie Willette Wallace	Morganton, N. C.
Kim Olise Washington	Miami, Fla.
Jean Janet Williams	Nesmith, S. C.
Willis Williams	Newark, N. J.

DEGREES/MAY, 1977

BACHELOR OF SCIENCE

Summa Cum Laude

Jonnifer Denise Sellars	Charlotte, N. C.
Karren Roxanne Tinsley	Charlotte, N. C.

Magna Cum Laude

Lynette Johnson	Sanford, N. C.
Cheryl Ann Livsey**	Smyrna, Ga.
Ronald Eric McFarland	Hartsville, S. C.

Cum Laude

Priscilla Leatrice Allen	Columbia, S. C.
Mary Corene Baker	Wadley, Ga.
DeOtis Jay Bragg	Eastville, Va.
Sheila Renee Brown	Chicago, Ill.
Willie Steve Campbell	Johnston, S. C.
Lewis Frederick	Orangeburg, S. C.
Thomas Asbury Garvin	Charlotte, N. C.
Timothy Ferdinand Harkness	Columbia, S. C.
Willette Howard	Winston-Salem, N. C.
Edsel Tyree Johnson, Jr.	Cleveland, Ohio
Melind Louise Johnson**	Charlotte, N. C.
Vincent Derek Mallory	Philadelphia, Pa.
Timothy McCoy	Kershaw, S. C.
Haywood Levell Pearson	Richmond, Va.
Brenda Evonne Pridgen	Riegelwood, N. C.

Wanda, Gail Rogers	Greensboro, N. C.
Lydia Elanor Solomon	Clarkton, N. C.
Cecil Stokes	Orangeburg, S. C.
Patricia Tate**	Tignall, Ga.
Vonshier Jenita Vose	Charleston, S. C.

BACHELOR OF SCIENCE

Wayne Vincent Banks	Knoxville, Tenn.
Valecia Renee Beaty**	Atlanta, Ga.
Randy Blythe**	Pickens, S. C.
John Henry Bostick	Pineland, S. C.
Walter Cameron, Jr.	Raleigh, N. C.
Gwendolyn Daniel	Saluda, S. C.
Hubert Elliott Dudley	Chicago, Ill.
Leslie Jerome Egleston	Charlotte, N. C.
Claudette Eley	Suffolk, Va.
Larence Faulkner	Roxboro, N. C.
Constance Gloria Fisher	New Bern, N. C.
Gwendolyn Vanessa Glover	Mt. Holly, N. C.
James Paul Goodman, Jr.	Charlotte, N. C.
George Griffin	Trenton, S. C.
Jimmy Lee Haigler	Orangeburg, S. C.
Michael James Hall	Brooklyn, N. Y.
Olivia De-Chancellor Hardin**	York, S. C.
Gregory Daron Haynes	Seneca, S. C.
Stevenson Hogan	Orlando, Fla.
Charles Edward Holliday	Charlotte, N. C.
James Robert Jackson	Clover, S. C.
William DeWey James	Burgaw, N. C.
Carolyn Ireene Johnson	Charleston, S. C.
Gerald Levette Johnson	Winston-Salem, N. C.
Tyward Jordan	Newark, N. J.
Abu Bruce Kamara	Monrovia
James Henry Laster**	Buffalo, N. Y.
Curtis James Leak**	Charlotte, N. C.
Jacquellne Guin Levister	Charlotte, N. C.
Bernice Lewers	Simpsonville, S. C.
Alphonso Lide	Jamaica, N. Y.
Larry Vernard Mackins**	Charlotte, N. C.
Larry Finley Matkins**	Burlington, N. C.
Robert Allen McClinton	Charlotte, N. C.
Marilyn Elizabeth Moore	Jersey City, N. J.
Theresa Yvonne Morris	Wilmington, Del.
Ann Mariah Murray	Yonges Island, S. C.
Willie Jerome Nelson	Elizabeth, N. J.
Ellen Marie Nesmlth	Nesmith, S. C.
Germaine Patterson	Heath Springs, S. C.
Johnny Wayne Pettyjohn	Shelby, N. C.
Howard Ernest Poole, Jr.	Detroit, Mich.
Gwendolyn Nokomis Price**	Martinsville, Va.
Lamar Reed	Chicago, Ill.
Edward Earl Richardson	Hartsville, S. C.
Lueretta Satterwhite	Oxford, N. C.
Jocelyn Marian Simmons**	Charleston, S. C.
Bertha Mae Smalls	Yonges Island, S. C.
Muriel Renita Stinson	Kansas City, Mo.
Michael Vernon Thomas	Orlando, Fla.
Robert Lee Thomas	Latta, S. C.
Angela Carol Williams	New Bern, N. C.
Howard Rudolph Williams	Baltimore, Md.
Sally Rhudell Williams	Chapel Hill, N. C.
Indiana LaWaughn Harris Winstead	Washington, D. C.
Edith Loretta Worsham	Amelia, Va.
Johnnie Lee Wright**	Orangeburg, S. C.

DEGREES/AUGUST 1978

BACHELOR OF ARTS

Cum Laude

LaGretta Lowery Davis	Charlotte, N. C.
Stanley Bernard Robinson	Charlotte, N. C.

BACHELOR OF ARTS

Gerald Maurice Blakey	Pittsburgh, Pa.
John Edward Dixon	Buffalo, N. Y.
Willie DuBose	Mt. Vernon, N. Y.
John Sheffield Griffin	Chicago, Ill.
Wallace Barnabus Hyman	Florence, S. C.
Gerald Leon Jackson	Spartanburg, S. C.
Sylvia Anita James	Jamaica, N. Y.
Jeanette Michelle Kinloch	Charlotte, N. C.
Sandra Jean Nance	Greenville, S. C.
Ricardo Louis Nesbit	Lanham, Md.
Michael Dewayne Peoples	Glen Ellyn, Ill.
Vernay Peterson	Philadelphia, Pa.
Christena Polite	Allendale, S. C.
Addison Randolph Shepard	Westfield, N. J.

BACHELOR OF SCIENCE

Summa Cum Laude

Renata Darlene Horton	Fayetteville, N. C.
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Cum Laude

Rochelle Clemons	Buffalo, N. Y.
Mathew Osei Hwidié	Kumasi, Ghana

BACHELOR OF SCIENCE

James Billy Allen	Linden, N. J.
Reginald Jerry Amos	Baltimore, Md.
Jerry Lenwood Barnes	Charlotte, N. C.
Paul Coleman, Jr.	Richmond, Va.
Anthony Wayne Downing	Edenton, N. C.
Druscilla Delorse Fogle	Winston-Salem, N. C.
Duane Leando Griffith	Burnsville, N. C.
Curtis Dale Hallums	Greenville, S. C.
Clifford Jackson	Johnston, S. C.
Daniel Pierree Jatta	Banjul Gamia, W. Africa
Cynthia Stewart Lewis	Sparta, Ga.
Glenn Elangia Mason	Richmond, Va.
Ronald McCrorey	Charlotte, N. C.
Orrin Keith Reeder	Charlotte, N. C.
Andrew Rogers, III	Oxford, N. C.
Kelvin Lee Rumph	Orlando, Fla.

DEGREES/AUGUST 1978

BACHELOR OF SCIENCE

Charles Edward Sammons	Charlotte, N. C.
Joan Franzetta Slade	Reidsville, N. C.
Darlene Smith	Danville, Va.
Reginald Earl Spivey	Jamaica, N. Y.
Julia Michele Spraggins	Danville, Va.
Alvin Bernard Wideman	Greenwood, S. C.

DEGREES/MAY 1978

BACHELOR OF ARTS

Summa Cum Laude

Debra Ophelia Davis	Council, N. C.
Charles Edward Monroe	Laurel Hill, N. C.

Magna Cum Laude

Shelia Diane Bethune	Sanford, N. C.
Angela Yvette Caldwell	Newark, N. J.
Cassandra Lauverne Hicks	Walterboro, S. C.
Clarence Edward Williamson	Brown Summit, N. C.

Cum Laude

Pamela Faye Barksdale	Greensboro, N. C.
Samuel Blackwell	Alcolu, S. C.
Janice Reine Bowman	Wilmington, N. C.
Madeline Ann Brown	Newport News, Va.
Nedra Ann Burns	Washington, Ga.
Catherine Carlotta Coakley	Charleston, S. C.
Dale Mayna Cobb**	Belmont, N. C.
Hazelene Cook	Bennettsville, S. C.
Vernell Rollins Copeland	Charlotte, N. C.
Lawrence Kenneth David	Columbia, S. C.
Ivey Althea Firms	Matthews, N. C.
Kathie Mae Sturdivant Gibson	Charlotte, N. C.
Angelette Denise Fowler Gore**	Burlington, N. C.
J'edith Marie Harris	Reidsville, N. C.
Shelby Jeanne Jones	Pendleton, S. C.
Lavone Blackwell Knight**	Charlotte, N. C.
Debbie Lee Morant	Wyandanch, N. Y.
Eileen Hall Neely**	Charlotte, N. C.
Melvin Arnold Parker	Buffalo, N. Y.
Dwight Pinson	Simpsonville, S. C.
Renee Yvette Pittman	Charlotte, N. C.
Barbara Sue Randolph	Townville, S. C.
Larry Thomas Smith	Bennettsville, S. C.
Carmen Theresa Thomas	Central Islip, N. Y.

BACHELOR OF ARTS

Robert Thomas Armstrong	Wilson, N. C.
Carolyn Doreen Austin	White Plains, N. Y.
Joan Gill Baxter	Charlotte, N. C.
Bobby Byrd	Sumter, S. C.
Marquis Lorenzo Cauthen	Charlotte, N. C.
Debra Lee Clyburn	Charlotte, N. C.
Delores Marie Crawford**	Charlotte, N. C.
Larry Crawford**	Charlotte, N. C.
Gloria Bridges Dawson**	Charlotte, N. C.

DEGREES/MAY 1978

BACHELOR OF ARTS

Cathy Lynn Duckett	Greer, S. C.
Victoria Dula	Lenoir, N. C.
James Charles Ellis, III	Wilson, N. C.
Adrienne Cassandra France	Martinsville, Va.
Wayne Lorenzo Fulcher	Port Chester, N. Y.
Dannette Mechell Gaither**	Liberty Hill, S. C.
John Ralph Gambrell	Charlotte, N. C.
Betty Jean Garland	Milton, N. C.
Michael Anthony Gillespie	Camden, N. J.
Susie Elaine Harkless	Hartsville, S. C.
William Hayes Hart, III	Camden, N. J.
Karen Elisa Huntley	Charlotte, N. C.

Lonnie Weiderman Hutchinson	Charlotte, N. C.
Stanley Elliot Locke**	Buffalo, N. Y.
Dixie Elaine Martin**	Carthage, N. C.
Sandra Germain May	Charlotte, N. C.
Delores Dianna McGhee	Wilmington, N. C.
Willie Bee McMahand, Jr.	Greenville, S. C.
Terry Andrea Nelson	Camden, S. C.
Robert M. Patton**	Charlotte, N. C.
Kathy Lorraine Perry	Washington, D. C.
Ricky Porter	Younges Island, S. C.
Nora Lee Ramseur	Shelby, N. C.
Deborah Denise Richardson	Orlando, Fla.
Jeanette A. Roberts**	Gaffney, S. C.
Lisa Cecelia Ross	Charlotte, N. C.
Cassandra Sadler	Charlotte, N. C.
Gloria Letetia Scott	New York, N. Y.
Debra Brewer Simmons	Charlotte, N. C.
Betty Jean Smith	Dillon, S. C.
Yvonne Marie Spaulding	Pendleton, N. C.
Mary Deloris Spencer	Charlotte, N. C.
Ruth Alvenia Freeman Tolbert	Greenville, S. C.
Roderick Earl Torain	Durham, N. C.
Sandra Regina Walker	Greenville, N. C.
Lillie Ann Williams**	Hartsville, S. C.
Cassandra Lynette Wright	Wilmington, N. C.
Marilyn Denise Young**	Charlotte, N. C.

DEGREES/MAY 1978

BACHELOR OF SCIENCE

Summa Cum Laude

Wantina Elizabeth Leak	West End, N. C.
------------------------	-----------------

Magna Cum Laude

Averall Miller	Augusta, Ga.
Walter Richard Douglas Young, Jr.	Laurens, S. C.

Cum Laude

Armenous Adams	Reidsville, N. C.
Carrie Mae Bennett**	Huger, S. C.
Lanita Montee Carter**	Charleston, S. C.
Chanslar Lamarr Chavis	McLeansville, N. C.
Emanuel Cooper	Nesmith, S. C.
Gail Yvonne Deavers	Charlotte, N. C.
Charles Wayne DuPree	Dallas, Tx.
Vida Alexandria Durant	Florence, S. C.
Yvonne LaCarol Edwards	Martinsville, Va.
Vera Adella Green	Charleston, S. C.
Larry Dwight Hall	Durham, N. C.
Willie James Harrell	Wingate, N. C.
Randy Levern Lee	Hartsville, S. C.
Wilhelmena McField	Saluda, S. C.
Linda Joyce Murphy**	Newark, N. J.
Valencia Diana Presley	Donalds, S. C.
Kim Michele Simpson	Queens Village, N. Y.
Cathy Diane Stafford	Harrisburg, N. C.
Sharon Thompson	Bronx, N. Y.
Arlean Wheeling	Hartsville, S. C.

BACHELOR OF SCIENCE

Johnny Lee Bailey	Tuskegee, Ala.
Melda Yzette Bass	Cordele, Ga.
Cynthia Marie Bell	Columbia, S. C.
Bordon Brumit Belton	Charlotte, N. C.
Effie Thealass Black	Goldsboro, N. C.

Margaret Elizabeth Boone	Sparta, Ga.
Marconi Orlanda Buchanan	Washington, D. C.
David Buckman**	Johnston, S. C.
Beverly Cheryl Carpenter	Winston-Salem, N. C.
Ralph Carr	Charlotte, N. C.
Earl Alonzo Clipper**	Washington, D. C.
Agnes Keah Davies	Monrovia, Liberia
Georgette Renee Dixon	Badin, N. C.
James Lawrence Drake	New York, N. Y.
Eldrenna Rose Durham	Gastonia, N. C.

DEGREES/MAY, 1978

BACHELOR OF SCIENCE

Delores Ferrell	Washington, Ga.
Brenda Ann Fields	Pendleton, N. C.
Sim Fogle, Jr.	Columbia, S. C.
Lloyd Baron Gibson**	Philadelphia, Pa.
Michael Wayne Giles	Cherryville, N. C.
Louis Gilliam**	Ft. Myers, Fla.
Annette LaVerne Graddick	Charleston, S. C.
Wyatt Edsel Grove	Spartanburg, S. C.
Harry Lodis Jenkins**	Westminister, S. C.
Michael David Lewis	East Elmhurst, N. Y.
Azivia Delores Little	Charlotte, N. C.
Wallace Eugene Loggins	Memphis, Tn.
Michael Eugene McClinton	Greenwood, S. C.
Anthony McGuire	Miami, Fla.
Sharron Annette McKnight**	Winston-Salem, N. C.
Charles Hewston McKoy, Jr.	Fayetteville, N. C.
Cynthia Moody Middlebrooks**	Charlotte, N. C.
Clorina Morrison	Maxton, N. C.
Bonnie Darlene Parham**	Camden, S. C.
Kimmie Lynn Patterson	Mocksville, N. C.
Vernessa Pinckney	Philadelphia, Pa.
Marty Marion Powell	Charlotte, N. C.
Marion Sanders	Hyattsville, Md.
Charles Henry Stewart, II	Danville, Va.
Charlene LaVonne Strong	Martinsville, Va.
Robert Terry	New York, N. Y.
Levi Valentine	St. Petersburg, Fla.
Gloria Dianna Waddell	Asheville, N. C.
Mary Vanetta Walton	Martinsville, Va.
John Franklin Ward, Jr.**	Hampton, Va.
Kenneth Bernard Whitmire	Charlotte, N. C.
Juliette Hortense Williams	Charleston Hgts., S. C.
Lee Mack Williams	Gable, S. C.
Frederick Moses Womack	Charlotte, N. C.
Rita Diane Wray	Richmond, Va.

GEOGRAPHICAL DISTRIBUTION OF STUDENTS

1976-1977

STATE	MEN	WOMEN	TOTAL
Alabama	3	1	4
Arizona	0	1	1
California	0	1	1
Colorado	2	0	2
Connecticut	3	4	7
Delaware	3	6	9
District of Columbia	31	15	46
Florida	32	19	51
Georgia	8	25	33
Illinois	9	6	15
Indiana	5	0	5
Louisiana	5	0	5
Maryland	19	5	24
Michigan	12	1	13
Missouri	0	2	2
New Jersey	33	26	59
New York	89	55	144
North Carolina	304	375	679
Ohio	4	4	8
Pennsylvania	25	20	45
South Carolina	209	250	459
Tennessee	3	2	5
Texas	1	0	1
Virginia	37	35	72
West Virginia	1	1	2
FOREIGN COUNTRIES			
Africa	14	2	16
Bahamas	1	1	2
England	0	1	1
Iran	1	0	1
TOTALS	854	858	1712

GEOGRAPHICAL DISTRIBUTION OF STUDENTS

1977-1978

STATE	MEN	WOMEN	TOTAL
Alabama	3	0	3
California	0	2	2
Colorado	1	0	1
Connecticut	8	4	12
Delaware	5	2	7
District of Columbia	33	17	50
Florida	30	15	45
Georgia	21	23	44
Illinois	10	3	13
Indiana	7	0	7
Louisiana	2	0	2
Maryland	22	8	30
Massachusetts	1	1	2
Michigan	3	1	4
Mississippi	1	1	2
Missouri	1	0	1
New Jersey	30	15	45
New York	82	39	121
North Carolina	291	397	688
Ohio	5	7	12
Pennsylvania	22	15	37
South Carolina	190	260	450
Tennessee	4	0	4
Texas	1	0	1
Virginia	31	30	61
FOREIGN COUNTRIES			
Africa	14	4	18
Bahamas	1	0	1
England	0	1	1
TOTALS	819	845	1664

GENERAL NUMERICAL SUMMARY OF STUDENTS 1976-1977

Class	Men	Women	Total	Working Toward Degree
SENIOR	115	139	254	
JUNIOR	74	110	184	
SOPHOMORE	216	174	390	
ADVANCED FRESHMAN	145	132	277	
FRESHMAN	283	283	566	
UNCLASSIFIED	15	13	28	
SPECIAL	6	7	13	
TOTAL—REGULAR	854	858	1712	1699
SUMMER SESSION—1976	219	268	487	444
TOTAL—REGULAR/SUMMER SESSION	1073	1126	2199	2143
DUPLICATIONS—SUMMER SESSION	177	223	400	399
TOTALS—YEAR	896	903	1799	1744

GENERAL NUMERICAL SUMMARY OF STUDENTS 1977-1978

Class	Men	Women	Total	Working Toward Degree
SENIOR	97	113	210	
JUNIOR	118	114	232	
SOPHOMORE	148	169	317	
ADVANCED FRESHMAN	189	183	372	
FRESHMAN	251	252	503	
UNCLASSIFIED	10	11	21	
SPECIAL	6	3	9	
TOTAL—REGULAR	819	845	1664	1655
SUMMER SESSION	241	250	491	444
TOTAL—REGULAR/SUMMER SESSION	1060	1095	2155	2099
DUPLICATIONS—SUMMER SESSION	186	191	377	377
TOTALS—YEAR	874	904	1778	1722

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- Vice-president for academic affairs/142 & 9
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